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### EDITORIAL NOTICE

The Minor Planet Center is making two important announcements related to the new ADES astrometric observation format. Please ensure that you read the whole of this document, even if you do not intend to submit ADES-format observations immediately (or ever), as the changes could still affect your submissions. These announcements are related to internal changes in data processing and storage at the Minor Planet Center, as well as forthcoming changes in external services, such as the NEOCP.

#### 1: Acceptance of ADES-format observations

Starting on 2018 July 25, the Minor Planet Center will accept ADES-format submissions from all observers. From that date, ADES submissions will be the preferred submission format. However, it is important to note that you should continue to report in the format output by your astrometric software: do not attempt to convert, e.g., observations in the current 80-column (obs80) format into ADES. While ADES will be the preferred format from July 25, the Minor Planet Center will continue to accept obs80-format observations.

It is imperative that you read the ADES Data Submissions webpage (<https://www.minorplanetcenter.net/iau/info/ADES.html>) before attempting to submit any ADES-format observations.

ADES-format observations cannot be submitted via e-mail or the existing observation submission webform, only via the two new webforms:

[https://minorplanetcenter.net/submit\\_xml](https://minorplanetcenter.net/submit_xml) (for XML submission) and

[https://minorplanetcenter.net/submit\\_psv](https://minorplanetcenter.net/submit_psv) (for PSV submission).

These forms can be called from the command line, using tools such cURL or wget, to automate submission. Details on how to achieve this are included on the referenced URLs.

Also, before submitting any ADES data for the first time from new or modified astrometric software, authors must confirm that the output format is valid by submitting sample observations to the two test webforms:

[https://minorplanetcenter.net/submit\\_xml\\_test](https://minorplanetcenter.net/submit_xml_test) and

[https://minorplanetcenter.net/submit\\_psv\\_test](https://minorplanetcenter.net/submit_psv_test)

#### 2: New Processing Pipeline

In tandem with the general ADES acceptance, the Minor Planet Center intends to begin switching over to a new processing pipeline on 2018 July 25 at local noon. This will be the first stage of a multi-stage process. This initial stage involves changes to the processes which handle the receipt, validation and archiving of all incoming observations (whether submitted by e-mail, curl or any of the webforms).

The new pipeline will continue to accept obs80 observations, but it is important to understand that since observations will be entered into the database immediately

upon acceptance (rather than up to a week later, as in the current system), it is necessary for the verification of the incoming observation to be very strict. Batches that are accepted by the current pipeline may be rejected by the new pipeline, as the current pipeline attempts to fix a number of e-mail-related problems.

Common problems with obs80 e-mail submissions are: malformed COD line, either missing the initial C, or COD not beginning in the first column; CON line not starting with a person's name; malformed names on CON/OBS/MEA lines; inclusion of non-ASCII characters; and observation lines being broken. The new pipeline will handle broken observation lines that break after the magnitude (as long as the BND keyword is included in the header), but all other listed problems will cause rejection of the entire batch.

Inclusion of repeated observations (either under the same or different designations) within a single submission in the current pipeline is handled by removal of those duplicated observations, informing the submitter, and processing of the remainder of the submission. Since duplicated observations indicate a data management issue by the submitter, the new pipeline will reject the entire batch if duplicates are found.

Observations that are resent in a later submission will be removed by the pipeline, before the remainder of that submission is processed.

It is important to note that obs80 remains a 7-bit ASCII format, regardless of the submission method. Information on specifying accented characters, and formats for specifying names and telescope details is available at [https://www.minorplanetcenter.net/iau/MPC\\_Documentation.html](https://www.minorplanetcenter.net/iau/MPC_Documentation.html).

If you have questions or problems, please e-mail [mpc@cfa.harvard.edu](mailto:mpc@cfa.harvard.edu) or use one of the on-line Feedback Forms.

### NEW NAMES OF MINOR PLANETS

#### (5362) Johnnyoung = 1978 CH

Discovered 1978 Feb. 2 by J. Gibson at Palomar.

John W. Young (1930–2018) was a United States naval aviator and test pilot and NASA astronaut. He flew on Gemini 3, Gemini 10, Apollo 10, Apollo 16 (becoming the ninth person to walk on the Moon), and commanded two Space Shuttle missions (STS-1 and STS-9).

#### (5573) Hilarydownes = 1981 QX

Discovered 1981 Aug. 24 by A. Mrkos at Kleť.

Hilary Downes (b. 1954) is a planetary petrologist at Birkbeck College London. She is a terrestrial mantle expert, and her planetary science research seeks to understand the geological evolution of the ureilite meteorite parent body.

#### (6263) Druckmüller = 1980 PX

Discovered 1980 Aug. 6 by Z. Vávrová at Kleť.

Miloslav Druckmüller (b. 1954) is a Czech mathematician, astronomy popularizer and photographer, who developed an innovative method to visualize the solar corona during total eclipses of the Sun. He has stretched the limits of scientific astrophotography, leading to a variety of discoveries.

**(6313) Tsurutani = 1990 RC<sub>8</sub>**

Discovered 1990 Sept. 14 by H. Debehogne at the European Southern Observatory.

Bruce Tsurutani (b. 1941) has made essential contributions to original research and technical leadership in space science activities for many NASA, NASA-ESA and Japanese space missions. His research activities include instabilities and turbulence in space plasmas, space weather and astrophysical plasmas.

**(6314) Reigber = 1990 SQ<sub>16</sub>**

Discovered 1990 Sept. 17 by H. E. Holt at Palomar.

Christoph Reigber (b. 1939) has made essential contributions to the determination of the global gravity field using satellite observations, to the study of Earth kinematics using satellites, to atmospheric sounding using radio-occultation techniques, and to the development and operation of satellite missions.

**(6315) Barabash = 1990 TS**

Discovered 1990 Oct. 11 by S. Ueda and H. Kaneda at Kushiro.

Stanislav Barabash (b. 1964) has made essential contributions to the measurement and understanding of energetic neutral particles around the Earth and the nearest planets, as well as in the boundary regions of the heliosphere.

**(6316) Méndez = 1990 TL<sub>6</sub>**

Discovered 1990 Oct. 9 by R. H. McNaught at Siding Spring.

Mariano Méndez (b. 1960) has had a productive scientific career as an astronomer in parallel with his tireless activity aimed at helping the advancement of education and science in developing countries, notably as Vice Chair (2006–2010) and then Chair (2010–2018) of the COSPAR Panel on Capacity Building.

**(7635) Carolinesmith = 1983 VH<sub>1</sub>**

Discovered 1983 Nov. 6 by A. Mrkos at Kleť.

Caroline Smith (b. 1976) the Head of Earth Sciences Collections and Principal Curator of Meteorites at the Natural History Museum in London. She studies mineralogy of meteorites, notably ureilites, to understand planetary processes, collected meteorites in Australia and has been principal editor of *the Meteoritical Bulletin*.

**(7820) Ianlyon = 1990 TU<sub>8</sub>**

Discovered 1990 Oct. 14 by A. Mrkos at Kleť.

As a researcher at the University of Manchester (UK) Ian Lyon (b. 1957) studies the isotopic composition of meteorites to investigate the early Solar System and the origin of interstellar grains. Ian has been an associate editor of *Meteoritics and Planetary Science*.

**(7927) Jamiegilmour = 1986 WV<sub>1</sub>**

Discovered 1986 Nov. 29 by A. Mrkos at Kleť.

Jamie Gilmour (b. 1964) is an isotope cosmochemist at the University of Manchester (UK). He develops novel instrumentation to study the origin and evolution of meteorites using xenon isotopic signatures.

**(7993) Johnbridges = 1982 UD<sub>2</sub>**

Discovered 1982 Oct. 16 by A. Mrkos at Kleť.

John Bridges (b. 1966), based at the University of Leicester, is an expert on the mineralogy and petrology of martian meteorites, chondritic meteorites and cometary material returned by the Stardust mission. He has been a participating scientist in Mars Science Laboratory rover mission.

**(8152) Martinlee = 1986 VY**

Discovered 1986 Nov. 3 by A. Mrkos at Kleť.

Martin Lee (b. 1964) is a researcher based at the University of Glasgow. He is an expert on thermal and aqueous alteration of minerals in martian and chondritic meteorites and the effects of shock metamorphism on meteorite parent bodies.

**(8917) Tianjindaxue = 1996 EU<sub>2</sub>**

Discovered 1996 Mar. 9 by Beijing Schmidt CCD Asteroid Program at Xinglong.

Tianjindaxue (Tianjin University), founded in 1895 as Peiyang University, is the oldest modern institution of higher education in China and has developed into one of the leading multidisciplinary research universities of the country, in engineering in particular.

**(9887) Ashikaga = 1995 AH**

Discovered 1995 Jan. 2 by T. Kobayashi at Oizumi.

The city of Ashikaga in the south of Tochigi prefecture is the birth place of the discoverer. The city has been well known for its textiles since ancient times.

**(12651) Frenkel = 2268 T-3**

Discovered 1977 Oct. 16 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Daan Frenkel (b. 1948) is a leading Dutch scientist who has contributed to the development of Monte Carlo and Molecular Dynamics simulation methods that led to a greater understanding of the phase behavior of molecular systems. He shed light on the state of carbon in stars and has launched the careers of many young researchers.

**(14019) Pourbus = 1994 PP<sub>16</sub>**

Discovered 1994 Aug. 10 by E. W. Elst at the European Southern Observatory.

Pieter Pourbus (1523–1584) was a Dutch-Flemish Renaissance painter, sculptor and cartographer. Known primarily for his religious and portrait painting, he was also a surveyor and engineer. Name suggested by C. Leterme.

**(15330) de Almeida = 1993 TO**

Discovered 1993 Oct. 8 by K. Endate and K. Watanabe at Kitami.

Amaury Augusto de Almeida (b. 1946) is a Brazilian astronomer with expertise in cometary science and astrochemistry. His major contributions include studies of gas and dust production in comets and theoretical determination of basic molecular data for simple radicals and ions of astrophysical importance.

**(15335) Satoyukie = 1993 UV**

Discovered 1993 Oct. 23 by T. Kobayashi at Oizumi.

Yukie Sato (b. 1962) is an expert on astronomical photography and one of the most active members of the Ota Astronomical Club.

**(15391) Steliomancinelli = 1997 TS<sub>16</sub>**

Discovered 1997 Oct. 3 by A. Vagnozzi at Stroncone.

Stelio Mancinelli Degli Esposti (1931–2017) was a professor of chemistry in Terni. Deeply keen on mathematics, physics and astronomy, he designed and implemented large sundials in various Italian cities. He was well known for giving lectures about the history of astronomy and for training courses for teachers.

**(15791) Yoshiewatanabe = 1993 TM<sub>1</sub>**

Discovered 1993 Oct. 15 by K. Endate and K. Watanabe at Kitami.

Yoshie Watanabe (b. 1963) is a Japanese writer for popular Japanese astronomy magazines. She has published, with her husband Junichi, several popular books on astronomy and general science.

**(17461) Shigosenger = 1990 UD<sub>1</sub>**

Discovered 1990 Oct. 20 by T. Seki at Geisei.

Shigosenger is a team of original characters introduced by Akashi Municipal Planetarium to promote astronomy education for children. The Planetarium is situated on the Japan Standard Time Meridian and “Shigosen” is a Japanese term for the meridian.

**(17547) Nestebovelli = 1993 SN<sub>2</sub>**

Discovered 1993 Sept. 21 by A. Vagnozzi at Stroncone.

Neste Bovelli (1913–2015) was a professor of humanities, and passionate about literature, art and history. She was an active president of various cultural associations, and promoted and published many issues about art and the history of the city of Terni.

**(18343) Asja = 1989 TN**

Discovered 1989 Oct. 2 by E. W. Elst at Smolyan.

Asja Geyer-Fischer (b. 1934) is a splendid pianist with a great love for Mozart and Chopin. She is an especially good teacher for children. In 1962 she followed her husband, astronomer E. H. Geyer to the Boyden Observatory, South Africa, where he had been appointed Director of the observatory for two years.

**(19084) Eilestam = 1978 RQ<sub>9</sub>**

Discovered 1978 Sept. 2 by C.-I. Lagerkvist at the European Southern Observatory.

Olle Eilestam (b. 1966) is an entertainer and piano player with a large repertoire of different music.

**(19161) Sakawa = 1990 TQ<sub>1</sub>**

Discovered 1990 Oct. 15 by T. Seki at Geisei.

Sakawa is a town in Kochi prefecture with a population of 20 000, known for brewing a famous brand of sake. It has produced many noted politicians, scientists, and musicians, including Masamitsu Yamasaki, who discovered comet 27P/Crommelin independently in 1928.

**(19210) Higayoshihiro = 1992 YE<sub>4</sub>**

Discovered 1992 Dec. 25 by T. Seki at Geisei.

Yoshihiro Higa (1965–2015) was an amateur astronomer and science communicator. He created the first astronomical science cafe in Sendai, Japan. He was also an amateur meteor researcher.

**(19250) Poullain = 1994 PF<sub>26</sub>**

Discovered 1994 Aug. 12 by E. W. Elst at the European Southern Observatory.

François Poullain de la Barre (1647–1725) was a French priest, writer, and Cartesian and feminist philosopher. In 1673 he published a radical and philosophically-sophisticated defense of the equality of women and men.

**(20237) Clavius = 1998 CC<sub>3</sub>**

Discovered 1998 Feb. 6 by E. W. Elst at the European Southern Observatory.

Christopher Clavius (1538–1612) was a German mathematician and astronomer. He figured out where to place the leap years in the Gregorian calendar. Pope Gregory XII revised the Julian calendar with the assistance of Clavius.

**(20500) Avner = 1999 RP<sub>3</sub>**

Discovered 1999 Sept. 4 by the Catalina Sky Survey.

Lillian I. Avner (b. 1952), Emergency Medicine Physician at Martin Memorial and Medical Director of Martin County Fire Rescue, dedicated her life to helping people. Lil’s passion and leadership guided the ER and Fire Rescue from infancy to maturity. She contributed to thousands of lives saved through her decades of service.

**(21188) Kiyohiro = 1994 GN**

Discovered 1994 Apr. 5 by K. Endate and K. Watanabe at Kitami.

Kiyohiro Kozai (b. 1964) is well known as an enthusiastic amateur astronomer in Kagawa Prefecture. He is a popular lecturer to the families that come to hear him at the astronomical classrooms of his local community center.

**(22517) Alexzanardi = 1998 DX<sub>32</sub>**

Discovered 1998 Feb. 26 by M. Tombelli and G. Forti at Cima Ekar.

Alessandro (‘Alex’) Zanardi (b. 1966) is a former Formula 1 driver, 1997/1998 CART champion and 2005 Italian Superturismo Champion. After being seriously injured in a race in 2001, he turned to parathletics, winning two gold and one silver medals in handcycling at both the 2012 London and 2016 Rio Paralympics.

**(22754) Olympus = 1998 WJ<sub>8</sub>**

Discovered 1998 Nov. 26 by J. Broughton at Reedy Creek.

Mount Olympus is the highest point in Greece. The cloud-veiled summit, and the heavens above, were believed by the ancients to be the dwelling place of the gods.

**(24640) Omiwa = 1982 XW<sub>1</sub>**

Discovered 1982 Dec. 13 by H. Kosai and K. Hurukawa at Kiso.

The Omiwa Shrine is one of the oldest Shinto shrines in Japan. It is located on Miwa-Yama, a mountain located in the southeast of the Yamato Basin, Miwa, Sakurai City, Nara prefecture.

**(24857) Sperello = 1996 AH<sub>4</sub>**

Discovered 1996 Jan. 15 by U. Munari and M. Tombelli at Cima Ekar.

Sperello di Serego Alighieri (b. 1952) is an Italian astrophysicist who made major contributions to the field of extragalactic astronomy. He is a descendant of Dante Alighieri.

**(24890) Amaliafinzi = 1996 XV<sub>32</sub>**

Discovered 1996 Dec. 4 by M. Tombelli and C. Casacci at Cima Ekar.

Amalia Ercoli Finzi (b. 1937), a professor of Aerospace Mechanics and an Honorary Professor at Politecnico di Milano, is a researcher and an educator in Spaceflight Dynamics and Space Mission Design. She was the P.I. of the SD2 instrument, on board of the Philae lander on Rosetta, to drill and sample comet 67P.

**(25892) Funabashi = 2000 WP<sub>9</sub>**

Discovered 2000 Nov. 22 by BATTeRS at Bisei SG Center.

Funabashi City is located near Tokyo. There is good fishing offshore, and during the Edo era fish caught there were donated to the Shogun. Sports are popular in the city now, and it is the home town of several sports teams.

**(25951) Pamross = 2001 EZ<sub>21</sub>**

Discovered 2001 Mar. 15 by the Lowell Observatory Near-Earth Object Search at the Anderson Mesa Station.

Pam Ross (b. 1949) is a long time supporter of Lowell Observatory. She has served on the Lowell Observatory Advisory Board for over 25 years.

**(26605) Hanley = 2000 FS<sub>26</sub>**

Discovered 2000 Mar. 27 by the Lowell Observatory Near-Earth Object Search at the Anderson Mesa Station.

Jennifer Hanley (b.1984) is a tenure-track astronomer at Lowell Observatory. Her research interests involve the stability and spectral properties of ices at low pressures with relevance to the outer solar system, especially Titan and Pluto.

**(26871) Tanezrouft = 1993 TB<sub>38</sub>**

Discovered 1993 Oct. 9 by E. W. Elst at the European Southern Observatory.

The Tanezrouft Basin, a part of the Sahara Desert, lies just above the Tropic of Cancer, about 750 miles south of Algiers. An especially parched land with annual rainfall less than 0.2 inches, it is hyperarid, with very high temperatures and scarcity of vegetation. There are no permanent residents here, only occasional Tuareg nomads.

**(31201) Michellegrand = 1998 AT<sub>5</sub>**

Discovered 1998 Jan. 8 by ODAS at Caussols.

Michel Legrand (b.1932) is a prolific French musical composer, arranger, conductor and jazz pianist. He composed the music of many well-known movies such as *The Umbrellas of Cherbourg* and *The Young Girls of Rochefort*. He has won three Oscars and many other awards worldwide.

**(31344) Agathon = 1998 OM<sub>12</sub>**

Discovered 1998 July 30 by J. Broughton at Reedy Creek.

Agathon, son of Priam and prince of Troy, is mentioned in Homer's *Iliad* as being one of the last surviving princes during the Trojan War.

**(33826) Kevynadams = 2000 DW<sub>82</sub>**

Discovered 2000 Feb. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kevyn Adams mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. He teaches at the BASIS Independent Silicon Valley, San Jose, California.

**(33829) Asherson = 2000 EZ<sub>66</sub>**

Discovered 2000 Mar. 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Caryn Asherson mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Beverly Vista Middle School, Beverly Hills, California.

**(33838) Brandabaker = 2000 GU<sub>49</sub>**

Discovered 2000 Apr. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Branda Baker mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Carmichael Middle School, Richland, Washington.

**(33852) Baschnagel = 2000 HO<sub>52</sub>**

Discovered 2000 Apr. 29 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Amy Baschnagel mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Marshall Middle School, Wexford, Pennsylvania.

**(33861) Boucvalt = 2000 HO<sub>94</sub>**

Discovered 2000 Apr. 29 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Cathy Boucvalt mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the John Curtis Christian School, River Ridge, Louisiana.

**(33869) Brunnermatt = 2000 JK<sub>32</sub>**

Discovered 2000 May 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Matt Brunner mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. He teaches at the Shady Side Academy Middle School, Pittsburgh, Pennsylvania.

**(33871) Locastillo = 2000 JK<sub>34</sub>**

Discovered 2000 May 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lourdie Castillo mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. He teaches at the Hunter College High School, New York, New York.

**(33872) Kristichung = 2000 JX<sub>39</sub>**

Discovered 2000 May 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kristi Chung mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Stratford Middle School, San Jose, California.

**(33875) Laurencooney = 2000 JY<sub>54</sub>**

Discovered 2000 May 6 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lauren Cooney mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the BASIS Scottsdale, Scottsdale, Arizona.

**(33879) Kierstendeen = 2000 JG<sub>62</sub>**

Discovered 2000 May 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kiersten Deen mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the North Middle School, Colorado Springs, Colorado.

**(33886) Lilydeveau = 2000 KU<sub>18</sub>**

Discovered 2000 May 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lily Deveau mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the San Diego Jewish Academy, San Diego, California.

**(33889) Jengebo = 2000 KZ<sub>22</sub>**

Discovered 2000 May 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jen Gebo mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Missoula International School, Missoula, Montana.

**(33892) Meligingrich = 2000 KP<sub>25</sub>**

Discovered 2000 May 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Melissa Gingrich mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Cambridge School, San Diego, California.

**(33897) Erikagreen = 2000 KU<sub>41</sub>**

Discovered 2000 May 27 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Erika Green mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Burlington Township Middle School, Burlington, New Jersey.

**(33898) Kendra = 2000 KQ<sub>53</sub>**

Discovered 2000 May 29 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kendra Harrison mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Roland-Grise Middle School, Wilmington, North Carolina.

**(33902) Ingoldsby = 2000 KU<sub>64</sub>**

Discovered 2000 May 27 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Martin Ingoldsby mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. He teaches at the Creekside Middle School, Port Orange, Florida.

**(33904) Janardhanan = 2000 KC<sub>77</sub>**

Discovered 2000 May 27 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vidya Janardhanan mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Stratford Sunnyvale Raynor Middle School, Sunnyvale, California.

**(33905) Leyajoykutty = 2000 KB<sub>80</sub>**

Discovered 2000 May 27 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Leya Joykutty mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the American Heritage School, Plantation, Florida.

**(33907) Christykrenek = 2000 LP<sub>4</sub>**

Discovered 2000 June 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Christy Krenek mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Capshaw Middle School, Santa Fe, New Mexico.

**(33910) Lestarge = 2000 LJ<sub>9</sub>**

Discovered 2000 June 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Brian LeStarge mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. He teaches at the Churchill Junior High, Salt Lake City, Utah.

**(33912) Melissanoland = 2000 LV<sub>13</sub>**

Discovered 2000 June 6 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Melissa Noland mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Krystal School of Science, Math, and Technology, Hesperia, California.

**(33917) Kellyoconnor = 2000 LK<sub>19</sub>**

Discovered 2000 June 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kelly O'Connor mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the George H. Moody Middle School, Richmond, Virginia.

**(33918) Janiscoville = 2000 LL<sub>19</sub>**

Discovered 2000 June 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Janice Scoville mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Lovinggood Middle School, Powder Springs, Georgia.

**(33920) Trivisonno = 2000 LZ<sub>20</sub>**

Discovered 2000 June 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Andrea Trivisonno mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Saint Anselm School, Chesterland, Ohio.

**(33923) Juliewarren = 2000 LH<sub>25</sub>**

Discovered 2000 June 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Julie Warren mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Pegasus School, Huntington Beach, California.

**(33936) Johnwells = 2000 LL<sub>30</sub>**

Discovered 2000 June 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

John Wells mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. He teaches at the William Hopkins Junior High School, Fremont, California.

**(33958) Zaferiou = 2000 NK<sub>5</sub>**

Discovered 2000 July 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Paraskevya Zaferiou mentored a finalist in the 2017 Broadcom MASTERS, a math and science competition for middle school students. She teaches at the Garden City Middle School, Garden City, New York.

**(33961) Macinleyneve = 2000 NO<sub>9</sub>**

Discovered 2000 July 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Macinley Neve Butson (b. 2000) was awarded first place in the 2017 Intel International Science and Engineering Fair for her translational medical science project. She attends the Illawarra Grammar School, Mangerton, NSW, Australia.

**(33963) Moranhidalgo = 2000 NA<sub>10</sub>**

Discovered 2000 July 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Camila Moran-Hidalgo (b.2002) was awarded second place in the 2017 Intel International Science and Engineering Fair for her biomedical engineering project. She attends the Westdale Secondary School, Hamilton, Ontario, Canada.

**(33979) Sunhaochun = 2000 NJ<sub>21</sub>**

Discovered 2000 July 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sun Haochun Michael (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his math team project. He attends the Shanghai American School Puxi, Shanghai, China.

**(33991) Weixunjing = 2000 NB<sub>28</sub>**

Discovered 2000 July 3 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Wei Xunjing (b.1999) was awarded first place in the 2017 Intel International Science and Engineering Fair for her physics and astronomy project. She attends the Shanghai High School, Shanghai, China.

**(34000) Martinmatl = 2000 OL<sub>4</sub>**

Discovered 2000 July 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Martin Matl (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his plant sciences project. He attends the Gymnazium Brno, Trida Kapitana Jarose, Brno, Czech Republic.

**(34002) Movsesian = 2000 OD<sub>6</sub>**

Discovered 2000 July 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Karina Movsesian (b.1999) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for her biochemistry project. She also received the Dudley R. Herschbach Award. She attends the Prvni Ceske Gymnazium v Karlovych Varech, Karlovy Vary, Czech Republic.

**(34003) Ivozell = 2000 OU<sub>6</sub>**

Discovered 2000 July 29 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ivo Zell (b.1998) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for his engineering mechanics project. He also received the Gordon E. Moore Award. He attends the Internatsschule Schloss Hansenberg, Geisenheim-Johannesberg, Germany.

**(34010) Tassiloschwarz = 2000 OH<sub>13</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tassilo Constantin Schwarz (b.1999) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for his robotics and intelligent machines project. He also received the Cultural and Scientific Visit to China Award. He attends the Johannes Heidenhain Gymnasium, Traunreut, Germany.

**(34011) Divyakranthi = 2000 OK<sub>14</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Divya Kranthi (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her biochemistry team project. She attends the Ambedkar College, Nagpur, India.

**(34012) Prashaant = 2000 OD<sub>15</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Prashaant Ranganathan (b.1999) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for his environmental engineering project. He also received the Philip V. Streich Memorial Award. He attends the Carmel Junior College, Jamshedpur, Jharkhand, India.

**(34014) Pingali = 2000 OP<sub>15</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sahithi Rohini Pingali (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her earth and environmental sciences project. She attends the Inventure Academy, Bengaluru, Karnataka, India.

**(34016) Chaitanya = 2000 OY<sub>16</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Chaitanya (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his biomedical engineering team project. He attends the Little Rock Indian School, Brahmavar, Karnataka, India.

**(34017) Geeve = 2000 OD<sub>17</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Geeve (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his biomedical engineering team project. He attends the Little Rock Indian School, Brahmavar, Karnataka, India.

**(34021) Suhanijain = 2000 OW<sub>22</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Suhani Sachin Jain (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her biochemistry team project. She attends the Taywade College, Nagpur, India.

**(34024) Cormaclarkin = 2000 OO<sub>24</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Cormac James Larkin (b.1997) was awarded second place in the 2017 Intel International Science and Engineering Fair for his physics and astronomy project. He attends the Colaiste an Spioraid Naoimh, Cork City, Munster, Ireland.

**(34025) Caolannbrady = 2000 OX<sub>24</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Caolann Ellen Brady (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her biomedical and health sciences project. She attends the St. Wolstan's Community School, Celbridge, Leinster, Ireland.

**(34026) Valpagliarino = 2000 OA<sub>25</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Valerio Pagliarino (b.2000) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for his embedded systems

project. He also received the Intel Foundation Young Scientist Award. He attends the I.I.S. Nicola Pellati, Nizza Monferrato, Asti, Italy.

**(34028) Wuhuiyi = 2000 OP<sub>25</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Huiyi Wu (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her energy project. She attends the Ichikawa Gakuen Ichikawa High School, Ichikawa, Chiba, Japan.

**(34030) Tabuchi = 2000 OM<sub>26</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kotaro Tabuchi (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his engineering mechanics project. He attends the Nanzan Boys' Senior High School, Nagoya, Aichi, Japan.

**(34031) Fukumitsu = 2000 OU<sub>26</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nodoka Fukumitsu (b. 1998) was awarded second place in the 2017 Intel International Science and Engineering Fair for her animal sciences project. She attends the Shimane Prefectural Masuda High School, Masuda, Shimane, Japan.

**(34034) Shehadeh = 2000 OQ<sub>27</sub>**

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ayah Hayel Shehadeh (b. 2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her chemistry team project. She attends the Al-Hasaad Al-Tarbawi School, Amman, Jordan.

**(34038) Abualragheb = 2000 OA<sub>28</sub>**

Discovered 2000 July 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bayan Osama Abu Alragheb (b. 2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her chemistry team project. She attends the Al-Hasaad Al-Tarbawi School, Amman, Jordan.

**(34039) Torsteinvik = 2000 OB<sub>29</sub>**

Discovered 2000 July 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Torstein Vik (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his math team project. He attends the Fagerlia Videregaende Skole, Alesund, More og Romsdal, Norway.

**(34042) Espeseth = 2000 OQ<sub>31</sub>**

Discovered 2000 July 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ane Kristine Espeseth (b. 1998) was awarded second place in the 2017 Intel International Science and Engineering Fair for her math team project. She attends the Fagerlia Videregaende Skole, Alesund, More og Romsdal, Norway.

**(34044) Obafial = 2000 OZ<sub>31</sub>**

Discovered 2000 July 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nadine Antonette Obafial (b. 2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her plant sciences team project. She attends the Davao City National High School, Davao City, Philippines.

**(34047) Gloria = 2000 OJ<sub>35</sub>**

Discovered 2000 July 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rubeliene Chezka Fernandez Gloria (b. 2001) was awarded second place in the 2017 Intel International Science and Engineering Fair for her plant sciences team project. She attends the Davao City National High School, Davao City, Philippines.

**(34049) Myrelleangela = 2000 ON<sub>36</sub>**

Discovered 2000 July 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Myrelle Angela T. Colas (b. 2001) was awarded second place in the 2017 Intel International Science and Engineering Fair for her plant sciences team project. She attends the Davao City National High School, Davao City, Philippines.

**(34053) Carlquines = 2000 OF<sub>38</sub>**

Discovered 2000 July 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Carl Joshua Tiangco Quines (b. 2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his math team project. He attends the Valenzuela City School of Mathematics and Science, Valenzuela, Manila, Philippines.

**(34063) Mariamakarova = 2000 OA<sub>49</sub>**

Discovered 2000 July 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Maria Makarova (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her chemistry team project. She attends the Moscow Chemical Lyceum, Moscow, Russia.

**(34079) Samoylova = 2000 PD<sub>1</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alexandra Samoylova (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her chemistry team project. She attends the Moscow Chemical Lyceum, Moscow, Russia.

**(34080) Clarakeng = 2000 PE<sub>1</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Clara Keng (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her materials science team project. She attends the Raffles Institution, Singapore.

**(34081) Chowkitmun = 2000 PH<sub>1</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Chow Kit Mun (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her materials science team project. She attends the River Valley High School, Singapore.

**(34083) Feretova = 2000 PE<sub>4</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Miriam Feretova (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her animal sciences team project. She attends the Grammar School of St. Nicholas, Presov, Presovsky, Slovakia.

**(34089) Smoter = 2000 PL<sub>7</sub>**

Discovered 2000 Aug. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Samuel Smoter (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his animal sciences team project. He attends the Grammar School of St. Nicholas, Presov, Presovsky, Slovakia.

**(34090) Cewhang = 2000 PG<sub>10</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Clairisse Eunhae Whang (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her biomedical and health sciences project. She attends the Academy for Medical Science Technology, Hackensack, New Jersey, U.S.A.

**(34100) Thapa = 2000 PQ<sub>13</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Devina Thapa (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her translational medical science project. She attends the Academy of Science, Sterling, Virginia, U.S.A.

**(34101) Hesrivastava = 2000 PT<sub>15</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Hemant Srivastava (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his translational medical science project. He attends the Alabama School of Fine Arts, Birmingham, Alabama, U.S.A.

**(34102) Shawnzhang = 2000 PO<sub>16</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shawn Brian Zhang (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his physics and astronomy team project. He attends the Amador Valley, Pleasanton, California, U.S.A.

**(34103) Suganthkannan = 2000 PP<sub>17</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Suganth Kannan (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his chemistry project. He attends the American Heritage School, Plantation, Florida, U.S.A.

**(34104) Jeremiahpate = 2000 PY<sub>19</sub>**

Discovered 2000 Aug. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jeremiah Thomas Pate (b.1998) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for his translational medical science project. He also received the Dudley R. Herschbach Award. He attends the BASIS Oro Valley, Arizona.

**(34106) Sakhrani = 2000 PP<sub>22</sub>**

Discovered 2000 Aug. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Neeraj Sakhrani (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his earth and environmental sciences project. He attends the Bronx High School of Science, Bronx, New York, U.S.A.

**(34107) Kashfiarhman = 2000 PX<sub>22</sub>**

Discovered 2000 Aug. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kashfia Nehrin Rahman (b.2000) was awarded first place in the 2017 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Brookings High School, Brookings, South Dakota, U.S.A.

**(34127) Adamnayak = 2000 QN<sub>2</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Adam C. Nayak (b.2000) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for his earth and environmental sciences project. He attends the Cleveland High School, Portland, Oregon, U.S.A.

**(34128) Hannahbrown = 2000 QO<sub>2</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Hannah Louise Brown (b.1998) was awarded second place in the 2017 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Dobbs Ferry High School, Dobbs Ferry, New York, U.S.A.

**(34129) Madisonsneve = 2000 QN<sub>3</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Madison Andrea Sneve (b.1999) was awarded first place in the 2017 Intel International Science and Engineering Fair for her cellular and molecular biology project. She attends the duPont Manual High School, Louisville, Kentucky, U.S.A.

**(34130) Isabellaivy = 2000 QW<sub>3</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Isabella Ivy Bowland (b.2000) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for her plant sciences project. She attends the Fairview High School, Boulder, Colorado, U.S.A.

**(34132) Theoguerin = 2000 QX<sub>4</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Theo Calvin Guerin (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his engineering mechanics team project. He attends the Falmouth Academy, Falmouth, Massachusetts, U.S.A.

**(34133) Charlesfenske = 2000 QU<sub>5</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Charles Johannes Fenske (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his engineering mechanics team project. He attends the Falmouth Academy, Falmouth, Massachusetts, U.S.A.



**(34134) Zlokapa = 2000 QW<sub>5</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alexander Zlokapa (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his systems software project. He attends the Golden Hills Academy, Danville, California, U.S.A.

**(34135) Rahulsubra = 2000 QX<sub>5</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rahul Subramaniam (b.2001) was awarded best of category, first place, and the Scientific and Cultural Visit to India in the 2017 Intel International Science and Engineering Fair for his microbiology project. He attends the Greenwich High School, Greenwich, Connecticut.

**(34139) Lucabarcelo = 2000 QU<sub>10</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Luca Jose Barcelo (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his environmental engineering project. He attends the Greenwich High School, Greenwich, Connecticut, U.S.A.

**(34141) Antonwu = 2000 QZ<sub>11</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Anton Wu (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his math project. He attends the Half Hollow Hills High School East, Dix Hills, New York, U.S.A.

**(34142) SachinKonan = 2000 QE<sub>12</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sachin Ganesh Konan (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his embedded systems project. He attends the Hamilton High School, Chandler, Arizona, U.S.A.

**(34143) Heeric = 2000 QE<sub>13</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Eric He (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his embedded systems project. He attends the High Technology High School, Lincroft, New Jersey, U.S.A.

**(34144) Alexandersun = 2000 QX<sub>14</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alexander Karl Sun (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his behavioral and social sciences team project. He attends the Hillcrest High School, Midvale, Utah, U.S.A.

**(34147) Vengadesan = 2000 QV<sub>16</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Suryaprakash Vengadesan (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his materials science project. He attends the Irvine High School, Irvine, California, U.S.A.

**(34148) Marchuo = 2000 QX<sub>16</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Marc Huo (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his cellular and molecular biology project. He attends the Jericho High School, Jericho, New York, U.S.A.

**(34152) Kendrazhang = 2000 QW<sub>19</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kendra Zhang (b.2000) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for her energy project. She also received the European Union Contest for Young Scientists Award. She attends the Jericho High School, Jericho, New York, U.S.A.

**(34154) Anushkanair = 2000 QC<sub>20</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Anushka M. Nair (b.2000) was awarded first place in the 2017 Intel International Science and Engineering Fair for her earth and environmental sciences project. She attends the Lake Oswego High School, Lake Oswego, Oregon, U.S.A.

**(34156) Gopalakrishnan = 2000 QT<sub>22</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vivek Gopalakrishnan (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his microbiology project. He attends the Lexington High School, Lexington, Massachusetts, U.S.A.

**(34158) Rachelchang = 2000 QB<sub>24</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rachel Chang (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her environmental engineering team project. She attends the Manhasset High School, Manhasset, New York, U.S.A.

**(34159) Ryanthorpe = 2000 QJ<sub>24</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ryan Matthew Thorpe (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his environmental engineering team project. He attends the Manhasset High School, Manhasset, New York, U.S.A.

**(34161) Michaellee = 2000 QC<sub>27</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Michael Yoomin Lee (b.1998) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for his systems software project. He also received the Intel Foundation Cultural and Scientific Visit to China Award. He attends the Manhasset High School, Manhasset, New York, U.S.A.

**(34162) Yegnesh = 2000 QV<sub>27</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Karthik Yegnesh (b.2000) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for his math project. He also

received the Intel Foundation Cultural and Scientific Visit to China Award. He attends the Methacton High School, Eagleville, Pennsylvania, U.S.A.

**(34163) Neyveli = 2000 QY<sub>27</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Pranav Sundar Neyveli (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his computational biology and bioinformatics project. He attends the Mills E. Godwin High School, Henrico, Virginia, U.S.A.

**(34164) Anikacheerla = 2000 QQ<sub>28</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Anika Cheerla (b.2001) was awarded second place in the 2017 Intel International Science and Engineering Fair for her robotics and intelligent machines team project. She attends the Monta Vista High School, Cupertino, California, U.S.A.

**(34165) Nikhilcheerla = 2000 QW<sub>28</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nikhil Cheerla (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his robotics and intelligent machines team project. He attends the Monta Vista High School, Cupertino, California, U.S.A.

**(34166) Neildeshmukh = 2000 QQ<sub>30</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Neil Deshmukh (b.2002) was awarded second place in the 2017 Intel International Science and Engineering Fair for his systems software project. He attends the Moravian Academy, Bethlehem, Pennsylvania, U.S.A.

**(34172) Camillemiles = 2000 QU<sub>37</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Camille Alden Miles (b.1999) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for her energy project. She also received the Intel Foundation Cultural and Scientific Visit to China Award. She attends the Niceville High School, Niceville, Florida, U.S.A.

**(34175) Joshuadong = 2000 QG<sub>39</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Joshua Dong (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his engineering mechanics project. He attends the North Carolina School of Science and Mathematics, Durham, North Carolina, U.S.A.

**(34176) Balamurugan = 2000 QT<sub>39</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vishaal N. Balamurugan (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his biochemistry project. He attends the North Oldham High School, Goshen, Kentucky, U.S.A.

**(34177) Amandawilson = 2000 QD<sub>40</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Amanda Grace Wilson (b.2000) was awarded first place in the 2017 Intel International Science and Engineering Fair for her plant sciences project. She attends the Northwestern High School, Kokomo, Indiana, U.S.A.

**(34178) Sarahmarie = 2000 QM<sub>41</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sarah Marie Romanelli (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her translational medical science project. She attends the Oceanside High School, Oceanside, New York, U.S.A.

**(34179) Bryanchun = 2000 QT<sub>41</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bryan Hoo Hao Chun (b.1998) was awarded second place in the 2017 Intel International Science and Engineering Fair for his energy project. He attends the Oregon Episcopal School, Portland, Oregon, U.S.A.

**(34180) Jessicayoung = 2000 QP<sub>42</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jessica E. Young (b.1998) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for her animal sciences project. She attends the Palm Beach Central High School, Wellington, Florida, U.S.A.

**(34181) Patnaik = 2000 QT<sub>42</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ritik Patnaik (b.2001) was awarded second place in the 2017 Intel International Science and Engineering Fair for his systems software project. He attends the Plano East Senior High School, Plano, Texas, U.S.A.

**(34182) Sachan = 2000 QC<sub>44</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kshitij Sachan (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his cellular and molecular biology team project. He attends the Plano East Senior High School, Plano, Texas, U.S.A.

**(34183) Yeshdoctor = 2000 QG<sub>44</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Yesh Satyajit Doctor (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his cellular and molecular biology team project. He attends the Plano East Senior High School, Plano, Texas, U.S.A.

**(34184) Hegde = 2000 QZ<sub>44</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sahil Hegde (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his physics and astronomy team project. He attends the Prospect High School, Saratoga, California, U.S.A.

**(34187) Tomaino = 2000 QW<sub>47</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shane Tomaino (b. 2000) was awarded first place in the 2017 Intel International Science and Engineering Fair for her engineering mechanics project. She attends the Rye Country Day School, Rye, New York, U.S.A.

**(34189) Ambatipudi = 2000 QD<sub>48</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Mythri Ambatipudi (b. 2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her computational biology and bioinformatics project. She attends the Saint Francis High School, Mountain View, California, U.S.A.

**(34190) Erinsmith = 2000 QA<sub>49</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Erin Smith (b. 1999) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for her behavioral and social sciences project. She also received the Cultural and Scientific Visit to China Award. She attends the Shawnee Mission West High School, Overland Park, Kansas, U.S.A.

**(34191) Jakhete = 2000 QR<sub>49</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shantanu Jakhete (b. 2000) was awarded first place in the 2017 Intel International Science and Engineering Fair for his animal sciences project. He attends the South Fork High School, Stuart, Florida, U.S.A.

**(34192) Sappington = 2000 QE<sub>50</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

James Donovan Sappington (b. 2001) was awarded second place in the 2017 Intel International Science and Engineering Fair for his earth and environmental sciences project. He attends the South River High School, Edgewater, Maryland, U.S.A.

**(34193) Annakoonce = 2000 QT<sub>52</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Anna Colleen Koonce (b. 2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her plant sciences project. She attends the St. Joseph's Academy, Baton Rouge, Louisiana, U.S.A.

**(34194) Serenajing = 2000 QW<sub>52</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Serena Liang Jing (b. 1998) was awarded second place in the 2017 Intel International Science and Engineering Fair for her biomedical engineering project. She attends the St. Paul Central High School, St. Paul, Minnesota, U.S.A.

**(34197) Susrinivasan = 2000 QD<sub>54</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Suraj Sai Srinivasan (b. 2000) was awarded first place in the 2017 Intel International Science and Engineering Fair for his biomedical engineering project. He attends the Strongsville High School, Strongsville, Ohio, U.S.A.

**(34198) Oliverleitner = 2000 QM<sub>54</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Oliver Leitner (b. 2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for his energy project. He attends the Davidson Academy of Nevada, Reno, Nevada, U.S.A.

**(34199) Amyjin = 2000 QV<sub>54</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Amy Yue Jin (b. 2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her robotics and intelligent machines project. She attends the Harker School, San Jose, California, U.S.A.

**(34200) Emmasun = 2000 QW<sub>54</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Emma Sun (b. 2002) was awarded second place in the 2017 Intel International Science and Engineering Fair for her behavioral and social sciences team project. She attends the Waterford School, Sandy, Utah, U.S.A.

**(34202) Sionaprasad = 2000 QB<sub>55</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Siona Prasad (b. 2001) was awarded second place in the 2017 Intel International Science and Engineering Fair for her earth and environmental sciences project. She attends the Thomas Jefferson High School for Science and Technology, Alexandria, Virginia, U.S.A.

**(34203) Nicwamsley = 2000 QO<sub>55</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nicolas A. Wamsley (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his microbiology project. He attends the Timber Ridge Scholars Academy, Pacific, Missouri, U.S.A.

**(34204) Quryshi = 2000 QR<sub>55</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nabeel Jami Quryshi (b. 2000) was awarded first place in the 2017 Intel International Science and Engineering Fair for his biomedical and health sciences project. He attends the University School of Milwaukee, Milwaukee, Wisconsin, U.S.A.

**(34205) Mizerak = 2000 QR<sub>57</sub>**

Discovered 2000 Aug. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Evan James Mizerak (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for his animal sciences project. He attends the Wachusett Regional High School, Holden, Massachusetts, U.S.A.

**(34206) Zhiyuewang = 2000 QM<sub>60</sub>**

Discovered 2000 Aug. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zhiyue Wang (b. 1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her biomedical and health sciences project.

She attends the West Lafayette Junior-Senior High School, West Lafayette, Indiana, U.S.A.

**(34208) Danielzhang = 2000 QR<sub>66</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Daniel Danxu Zhang (b.1999) was awarded best of category and first place in the 2017 Intel International Science and Engineering Fair for his biomedical and health sciences project. He also received the Philip V. Streich Memorial Award. He attends the Westview High School, San Diego, California, U.S.A.

**(34215) Stutigarg = 2000 QD<sub>72</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Stuti Paavani Garg (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her microbiology project. She attends the Westview High School, Portland, Oregon, U.S.A.

**(34218) Padiyath = 2000 QC<sub>78</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Manashree Seth Padiyath (b.2002) was awarded first place in the 2017 Intel International Science and Engineering Fair for her environmental engineering project. She attends the Woodbury High School, Woodbury, Minnesota, U.S.A.

**(34219) Megantang = 2000 QM<sub>80</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Megan Taiyue Tang (b.2000) was awarded second place in the 2017 Intel International Science and Engineering Fair for her earth and environmental sciences project. She attends the York School, Monterey, California, U.S.A.

**(34220) Pelagiamajoni = 2000 QO<sub>84</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Pelagia Maria Majoni (b.1999) was awarded second place in the 2017 Intel International Science and Engineering Fair for her energy project. She attends the Queen Elizabeth Girls High School, Harare, Zimbabwe.

**(34224) Maggiechen = 2000 QG<sub>87</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Maggie Shin-Young Chen (b.2000) was a finalist in the 2018 Regeneron STS, and was awarded 1st place at the 2017 International Science and Engineering Fair for her bioengineering project. She attends the Canyon Crest Academy, San Diego, California.

**(34225) Fridberg = 2000 QT<sub>87</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kyle Oskar Fridberg (b.2000) was a finalist in the 2018 Regeneron STS, and was awarded best of category, 1st place and the Scientific and Cultural Visit to India Award at the 2017 International Science and Engineering Fair for his chemistry project. He attends the Fairview High School, Boulder, Colorado.

**(34227) Daveyhuang = 2000 QX<sub>89</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Davey H. Huang (b.1999) was a finalist in the 2018 Regeneron STS, and was awarded best of category and 1st place at the 2017 International Science and Engineering Fair for his cellular and molecular biology project. He attends the Iolani School, Honolulu, Hawaii.

**(34231) Isanisingh = 2000 QL<sub>93</sub>**

Discovered 2000 Aug. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Isani Singh (b.1999) was a finalist in the 2018 Regeneron STS, and was awarded 2nd place at the 2017 International Science and Engineering Fair for her genomics project. She attends the Cherry Creek High School, Greenwood Village, Colorado.

**(34233) Caldwell = 2000 QD<sub>95</sub>**

Discovered 2000 Aug. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Reese Caldwell (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his bioengineering project. He attends the Conestoga High School, Berwyn, Pennsylvania.

**(34234) Andrewfang = 2000 QS<sub>95</sub>**

Discovered 2000 Aug. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Andrew Fang (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his medicine and health project. He attends the Jericho Senior High School, Jericho, New York.

**(34235) Ellafeiner = 2000 QZ<sub>95</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ella Feiner (b.1999) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her cellular and molecular biology project. She attends the Horace Mann School, Bronx, New York.

**(34236) Firester = 2000 QJ<sub>96</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Benjamin J. Firester (b.1999) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his plant sciences project. He attends the Hunter College High School, New York, New York.

**(34237) Sarahgao = 2000 QO<sub>96</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sarah Gao (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her cellular and molecular biology project. She attends the Montgomery Blair High School, Silver Spring, Maryland.

**(34239) Louisgolowich = 2000 QX<sub>96</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Louis Golowich (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his computer science project. He attends the Lexington High School, Lexington, Massachusetts.

**(34240) Charleyhutch = 2000 QP<sub>98</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Charley Hutchison (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his chemistry project. He attends the St. Andrew's Episcopal School, Ridgeland, Mississippi.

**(34241) Skylerjones = 2000 QZ<sub>98</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Skyler Chloe Jones (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her chemistry project. She attends the Ossining High School, Ossining, New York.

**(34245) Andrewkomo = 2000 QG<sub>101</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Andrew Komo (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his computer science project. He attends the Montgomery Blair High School, Silver Spring, Maryland.

**(34246) Kopparapu = 2000 QO<sub>102</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kavya Kopparapu (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her computational biology and bioinformatics project. She attends the Thomas Jefferson High School for Science and Technology, Alexandria, Virginia.

**(34249) Leolo = 2000 QY<sub>108</sub>**

Discovered 2000 Aug. 29 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Chiu Fan Bowen Lo (b. 1999) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his physics project. He attends the Jericho Senior High School, Jericho, New York.

**(34250) Mamichael = 2000 QA<sub>112</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Michael Yuanchao Ma (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his mathematics project. He attends the Plano West Senior High School, Plano, Texas.

**(34251) Rohanmehrotra = 2000 QR<sub>112</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rohan Mehrotra (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her chemistry project. She attends the Lynbrook High School, San Jose, California.

**(34252) Orlovsky = 2000 QE<sub>113</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Natalia Orlovsky (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her cellular and molecular biology project. She attends the Garnet Valley High School, Glen Mills, Pennsylvania.

**(34253) Nitya = 2000 QH<sub>114</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nitya Parthasarathy (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her behavioral and social sciences project. She attends the Northwood High School, Irvine, California.

**(34254) Mihirpatel = 2000 QN<sub>114</sub>**

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Mihir Vipul Patel (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his computer science project. He attends the Thomas Jefferson High School for Science and Technology, Alexandria, Virginia.

**(34256) Advaitpatil = 2000 QK<sub>116</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Advait Patil (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his genomics project. He attends the Lynbrook High School, San Jose, California.

**(34258) Pentland = 2000 QO<sub>119</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Dylan Pentland (b. 1999) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his mathematics project. He attends the Newman School, Boston, Massachusetts.

**(34259) Abprabhakaran = 2000 QS<sub>119</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Abilash Prabhakaran (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his cellular and molecular biology project. He attends the Cherry Creek High School, Greenwood Village, Colorado.

**(34261) Musharahman = 2000 QK<sub>120</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Muhammad Shahir Rahman (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his engineering project. He attends the Westview High School, Portland, Oregon.

**(34262) Michaelren = 2000 QP<sub>120</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Michael Ren (b. 2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his mathematics project. He attends the Phillips Academy, Andover, Massachusetts.

**(34264) Sadhuka = 2000 QN<sub>124</sub>**

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shuvom Sadhuka (b.1999) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his physics project. He attends the Cambridge Rindge and Latin School, Cambridge, Massachusetts.

**(34266) Schweinfurth = 2000 QF<sub>125</sub>**

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Raley Schweinfurth (b.1999) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her environmental science project. She attends the Oregon Episcopal School, Portland, Oregon.

**(34267) Haniya = 2000 QC<sub>126</sub>**

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Haniya Shareef (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her plant sciences project. She attends the Lincoln Park Academy, Fort Pierce, Florida.

**(34268) Gracetian = 2000 QP<sub>128</sub>**

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Grace Tian (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her mathematics project. She attends the Wellington School, Columbus, Ohio.

**(34271) Vinjaivale = 2000 QH<sub>132</sub>**

Discovered 2000 Aug. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vinjai Vale (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his computer science project. He attends the Phillips Exeter Academy, Exeter, New Hampshire.

**(34272) Veeramacheneni = 2000 QQ<sub>132</sub>**

Discovered 2000 Aug. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Teja Sai Veeramacheneni (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his computer science project. He attends the Archbishop Mitty High School, San Jose, California.

**(34273) Franklynwang = 2000 QS<sub>134</sub>**

Discovered 2000 Aug. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Franklyn Hai Wang (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his mathematics project. He attends the Thomas Jefferson High School for Science and Technology, Alexandria, Virginia.

**(34277) Davidxingwu = 2000 QH<sub>138</sub>**

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

David Xing Wu (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his mathematics project. He attends the Montgomery Blair High School, Silver Spring, Maryland.

**(34278) Justinxie = 2000 QE<sub>139</sub>**

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Justin Long Xie (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his space science project. He attends the Harker School, San Jose, California.

**(34279) Alicezhang = 2000 QJ<sub>139</sub>**

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alice Anran Zhang (b.2000) is a finalist in the 2018 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her computer science project. She attends the Montgomery Blair High School, Silver Spring, Maryland.

**(36184) Pavelbožek = 1999 TQ<sub>17</sub>**

Discovered 1999 Oct. 14 by L. Šarounová at Ondřejov.

Pavel Božek (b.1958) is a respected surgeon from Břeclav, Czech Republic. He is interested in astronomy and cosmonautics.

**(37706) Trinchieri = 1996 RN**

Discovered 1996 Sept. 8 by V. Giuliani and P. Chiavenna at Sormano.

Ginevra Trinchieri (b.1955) has worked on galaxies, groups, clusters and their evolution, particularly on their high energy properties. She is currently the president of the Italian Astronomical Society and the Italian representative and outreach contact in the IAU.

**(38246) Palupín = 1999 PL<sub>4</sub>**

Discovered 1999 Aug. 14 by J. Tichá and M. Tichý at Kleř.

Palupín is a small pleasant village with a manor-house in the Czech-Moravian Highlands that was first mentioned in 1368. St. Wenceslaus church was built by a local landlord in 1617. The family roots of co-discoverer J. Tichá (nee Peltan) lie in this village.

**(40023) ANPCEN = 1998 HU<sub>148</sub>**

Discovered 1998 Apr. 25 by E. W. Elst at the European Southern Observatory.

The ANPCEN (National Association for the Protection of the Sky and Nightly Environments in France) was established in March 1999. Presently 581 communities have joined the association. Recently Strasbourg, a city of 300 000 inhabitants, has signed the association's charter.

**(54521) Aladdin = 2000 QD<sub>1</sub>**

Discovered 2000 Aug. 23 by J. Broughton at Reedy Creek.

Aladdin is the central character in a well-known folk tale of the same name. The story originates from western China or possibly the Middle East. It tells of Aladdin's battle with evil sorcerers to gain control of a magic lamp containing a genie who emerges to grant wishes whenever the lamp is rubbed.

**(55381) Lautakwah = 2001 SX<sub>264</sub>**

Discovered 2001 Sept. 25 by W. K. Y. Yeung at Desert Eagle.

Andy Lau Tak-wah (b.1961) is a Hong Kong actor, singer and film producer. Lau was entered into the Guinness World Records for the 'Most Awards Won by a Cantopop Male Artist' with a total unprecedented 292 awards won by year 2000. In 1999, he was also awarded the Ten Outstanding Young Persons of the World.

**(55382) Kootinlok = 2001 SS<sub>265</sub>**

Discovered 2001 Sept. 25 by W. K. Y. Yeung at Desert Eagle.

Louis Koo Tin-lok (b. 1970) is a Hong Kong actor and film producer. He started his career in television and won TVB's Best Actor award in both 1999 and 2001. Koo is one of the most popular and talented actors of the Hong Kong film industry. He is also a low-key donor who had helped build close to 100 schools in China.

**(55383) Cheungkwokwing = 2001 SX<sub>266</sub>**

Discovered 2001 Sept. 25 by W. K. Y. Yeung at Desert Eagle.

Leslie Cheung Kwok-wing (1956–2003) was a leading Hong Kong singer and actor, with charisma comparable to James Dean. Cheung won the 1991 Hong Kong Film Award for best actor.

**(55384) Muiyimfong = 2001 SQ<sub>267</sub>**

Discovered 2001 Sept. 25 by W. K. Y. Yeung at Desert Eagle.

Anita Mui Yim-fong (1963–2003) was a Hong Kong singer and actress who made great contributions to the Cantopop music scene and received numerous awards and honors. She remained an idol throughout most of her career, and was generally regarded as a Cantopop diva.

**(55737) Coquimbo = 1988 CQ<sub>1</sub>**

Discovered 1988 Feb. 11 by E. W. Elst at the European Southern Observatory.

Coquimbo is a city in Chile and the capital of the Elqui province, located on the Pan American Highway. The natural harbor in Coquimbo was taken over by Pedro de Valdivia in 1550, together with the gold and copper industry in the region.

**(71282) Holuby = 2000 AC<sub>48</sub>**

Discovered 2000 Jan. 6 by A. Galád and P. Kolény at Modra.

Jozef Ľudovít Holuby (1836–1923) was a Slovak Lutheran priest, writer, revivalist, botanist and ethnographer. He obtained an honorary doctorate of natural sciences at the Faculty of Natural Sciences at Charles University in Prague in 1922.

**(85388) Sakazukiyama = 1996 PU<sub>9</sub>**

Discovered 1996 Aug. 11 by T. Okuni at Nanyo.

Sakazukiyama mountain (256-m high) is located in eastern part of Yamagata city, Japan. The mountain is popular with hikers.

**(90732) Opdebeeck = 1992 PO**

Discovered 1992 Aug. 8 by E. W. Elst at Caussols.

Pierre Opdebeeck (b. 1928), a philanthropist, was a financial adviser to Belgian industry for many years. After his retirement he started his study of 18th century French Enlightenment.

**(99941) Lonniewege = 2003 WF<sub>107</sub>**

Discovered 2003 Nov. 23 by the Catalina Sky Survey.

Lonnie Wege (b. 1958) is a telescope sales manager and a Schmidt-Cassegrain telescope technology specialist. He is also an astronomy outreach volunteer with the Three Rivers Foundation, the Texas Astronomical Society and Celestron.

**(100456) Chichn Itza = 1996 TH**

Discovered 1996 Oct. 2 by V. S. Casulli at Colleverde.

Chichn Itza was a large pre-Columbian city built by the Maya during the late classic period. The archaeological site is located in Yucatán State, Mexico.

**(101781) Gojira = 1999 GU<sub>9</sub>**

Discovered 1999 Apr. 14 by R. A. Tucker at Goodricke-Pigott.

Gojira, known worldwide as Godzilla, debuted November 3, 1954, in the Japanese motion picture "Gojira", directed by Ishiro Honda. Gojira is a kaiju (fantastic creature) that has appeared in more than 30 movies. The character, now a pop-culture icon, may be the most recognizable fantasy creature ever.

**(109330) Clemente = 2001 QW<sub>142</sub>**

Discovered 2001 Aug. 24 by R. A. Tucker at Goodricke-Pigott.

Roberto Enrique Clemente Walker (1934–1972) was a Puerto Rican professional baseball player who played 18 seasons for the Pittsburgh Pirates. He died in a plane crash attempting to deliver supplies to earthquake victims in Managua, Nicaragua. He was the first Latin American player enshrined in the Hall of Fame.

**(109712) Giger = 2001 RH<sub>46</sub>**

Discovered 2001 Sept. 12 by R. A. Tucker at Goodricke-Pigott.

Hans Ruedi Giger (1940–2014) was a Swiss painter, sculptor, set designer and film director. His themes included science fiction, the occult, and fantasy. He was part of a team that won an Academy Award for Best Achievement in Visual Effects for its work on the film *Alien*.

**(110026) Hamill = 2001 SH<sub>73</sub>**

Discovered 2001 Sept. 17 by R. A. Tucker at Goodricke-Pigott.

Mark Richard Hamill (b. 1951) is an American actor most famous for playing Luke Skywalker in the Star Wars films. Hamill has won acclaim as a voice actor, most notably as the Joker, Batman's archenemy. Hamill has appeared in more than 75 films, hundreds of television episodes, and more than 30 video games.

**(110408) Nakajima = 2001 TJ<sub>15</sub>**

Discovered 2001 Oct. 13 by R. A. Tucker at Goodricke-Pigott.

Haruo Nakajima (1929–2017) was a Japanese stunt actor who appeared in films such as Akira Kurosawa's Seven Samurai. Best known as "the man in the suit", Nakajima portrayed Gojira (Godzilla) and other kaiju (fantastic creatures) in 21 movies from Gojira (1954) to Chikyū Kōgeki Meirei: Gojira tai Gaigan (1972).

**(113333) Tyler = 2002 RR<sub>211</sub>**

Discovered 2002 Sept. 13 by R. A. Tucker at Goodricke-Pigott.

David Bruce Valentine Tyler (b. 1941) is a British amateur astronomer, solar observer, and imager. He is an accomplished telescope maker who has assisted others through advice and creating accessories in his workshop. In 2012, the British Astronomical Association awarded him its Merlin medal for his contributions.

**(113395) Curtniebur = 2002 SZ<sub>21</sub>**

Discovered 2002 Sept. 26 by NEAT at Palomar.

Curt Niebur (b. 1972) has served as the NASA program scientist responsible for the New Frontiers program for over a decade. His responsibilities have included management of New Horizons as the first mission in New Frontiers and the first to explore Pluto and the Kuiper Belt.

**(113461) McCay = 2002 SX<sub>50</sub>**

Discovered 2002 Sept. 30 by R. A. Tucker at Goodricke-Pigott.

Zenas Winsor McCay (1869–1934) was an American illustrator and one of the first creators of animated films. His best-known works are the cartoon strips Dream of the Rarebit Fiend and Little Nemo in Slumberland, and the animated film *Gertie the Dinosaur*. In 1996, he was inducted into the Will Eisner Hall of Fame.

**(118418) Yangmei = 1999 TP<sub>18</sub>**

Discovered 1999 Oct. 14 by Beijing Schmidt CCD Asteroid Program at Xinglong.

Yangmei (the Central Academy of Fine Arts, CAFA) is China's top institution of higher art education and a world-renowned art school. Since its establishment in 1918, CAFA has played a leading role in the development of Chinese art, as well as art education.

**(121001) Liangshanxichang = 1998 YW<sub>8</sub>**

Discovered 1998 Dec. 22 by Beijing Schmidt CCD Asteroid Program at Xinglong.

Liangshan Yi Autonomous Prefecture (Liangshan) in Sichuan province, P.R. China has a population of 5.15 million from multiple ethnic groups, including the largest population of ethnic Yi nationally. The capital of Liangshan is Xichang, where China's Chang'e-1, 2, and 3 lunar orbiters, lander and rover were launched.

**(121547) Fenghuotongxin = 1999 VS<sub>20</sub>**

Discovered 1999 Nov. 11 by Beijing Schmidt CCD Asteroid Program at Xinglong.

Fenghuotongxin are the Chinese characters for 'beacon' and 'communication'. A beacon, which utilizes a fire burning atop a hill or tower to send visual signals, is an ancient communication method documented as early as 781 B.C.E. in China. Ancient beacon towers are still retained on the Great Wall and in some cities.

**(128426) Vekerdi = 2004 MP<sub>6</sub>**

Discovered 2004 June 18 by K. Sárneczky at Piszkestető.

László Vekerdi (1924–2009) was a Hungarian librarian, historian of science and a writer. He published more than five hundred essays on science and popular science. His most important work is *The life of Galilei*.

**(136197) Johnandrews = 2003 UH<sub>287</sub>**

Discovered 2003 Oct. 22 by M. W. Buie at Kitt Peak.

John P. Andrews (b. 1963) is a research and development director for Southwest Research Institute in Boulder, CO. He served as the Project Manager for the New Horizons mission to Pluto.

**(136273) Csermely = 2003 YT<sub>107</sub>**

Discovered 2003 Dec. 25 by K. Sárneczky at Piszkestető.

Péter Csermely (b. 1958) is a Hungarian biochemist, and network researcher. His major fields of study are the adaptation and learning of complex networks. In 1995 he launched a highly successful initiative, which provided research opportunities for more than 10 000 gifted high school students.

**(136922) Brianbauer = 1998 HB<sub>152</sub>**

Discovered 1998 Apr. 19 by M. W. Buie at the Anderson Mesa Station of the Lowell Observatory.

Brian A. Bauer (b. 1982) is a senior systems engineer at the Johns Hopkins University Applied Physics Laboratory, who performed a leading role in fault protection and spacecraft autonomy for the New Horizons mission to Pluto.

**(138016) Kerribeisser = 2000 CQ<sub>111</sub>**

Discovered 2000 Feb. 6 by M. W. Buie at Kitt Peak.

Kerri B. Beisser (b. 1974) is a project manager at the Johns Hopkins University Applied Physics Laboratory, and served as the Education and Public Outreach Lead for the New Horizons Mission to Pluto.

**(141995) Rossbeyer = 2002 PU<sub>154</sub>**

Discovered 2002 Aug. 12 by M. W. Buie at Cerro Tololo.

Ross A. Beyer (b. 1975) is a research scientist at the NASA Ames Research Center, and served as a geology science team member for the New Horizons Mission to Pluto.

**(144386) Emmabirath = 2004 DB<sub>71</sub>**

Discovered 2004 Feb. 27 by M. W. Buie at Kitt Peak.

Emma M. Birath (b. 1974) is a data analyst at Southwest Research Institute Boulder, Colorado. She built instrument software sequences for the New Horizons Mission to Pluto.

**(146040) Alicebowman = 2000 DV<sub>114</sub>**

Discovered 2000 Feb. 27 by M. W. Buie at Kitt Peak.

Alice F. Bowman (b. 1960) is a group supervisor at the Johns Hopkins University Applied Physics Laboratory. She served as the Mission Operations Manager for the New Horizons Mission to Pluto.

**(146442) Dwaynebrown = 2001 QS<sub>320</sub>**

Discovered 2001 Aug. 20 by M. W. Buie at Cerro Tololo.

Dwayne C. Brown (b. 1960) served as the New Horizons NASA Public Affairs Officer for the New Horizons Mission to Pluto.

**(146921) Michaelbuckley = 2002 CU<sub>250</sub>**

Discovered 2002 Feb. 6 by M. W. Buie at Kitt Peak.

Michael R. Buckley (b. 1969) is a senior public affairs specialist at the Johns Hopkins University Applied Physics Laboratory. He served as the Public Affairs Officer for the New Horizons Mission to Pluto.

**(149113) Stewartbushman = 2002 CK<sub>258</sub>**

Discovered 2002 Feb. 6 by M. W. Buie at Kitt Peak.

Stewart Bushman (b. 1973) is a senior engineer at the Johns Hopkins University Applied Physics Laboratory. He served as the Propulsion Lead for the New Horizons Mission to Pluto.

**(149115) Lauriecantillo = 2002 CG<sub>271</sub>**

Discovered 2002 Feb. 8 by M. W. Buie at Kitt Peak.

Laurie L. Cantillo (b. 1958) served as the NASA Public Affairs Lead for the New Horizons Mission to Pluto.

**(149157) Stephencarr = 2002 FN<sub>26</sub>**

Discovered 2002 Mar. 20 by M. W. Buie at Kitt Peak.

Stephen S. Carr (b. 1959) is a program manager at the Johns Hopkins University Applied Physics Laboratory. He served as the director of public events for the flyby encounter for the New Horizons mission to Pluto.

**(149160) Geojih = 2002 GE**

Discovered 2002 Apr. 1 by KLENOT at Kleť.

Geojih is an open, friendly and amateur group of geocaching fans in České Budějovice. They started geocaching activities in 2008 and have prepared many smart geocaches and amazing geocaching events up to now. A series of seven geocoins devoted to south Bohemian districts was also issued.

**(149163) Stevenconard = 2002 GF<sub>31</sub>**

Discovered 2002 Apr. 7 by M. W. Buie at Cerro Tololo.

Steven J. Conard (b. 1959) is an optical engineer at the Johns Hopkins University Applied Physics Laboratory. He served as the Lead Instrument Engineer for the LORRI instrument for the New Horizons mission to Pluto.

**(150046) Cynthiaconrad = 2005 XK<sub>107</sub>**

Discovered 2005 Dec. 1 by M. W. Buie at Kitt Peak.

Cynthia A. Conrad (b. 1972) is a Senior Specialist at Southwest Research Institute. She served as the Pluto Encounter Logistics Lead for the New Horizons Mission to Pluto.



**(150374) Jasoncook = 2000 CW<sub>109</sub>**

Discovered 2000 Feb. 5 by M. W. Buie at Kitt Peak.

Jason C. Cook (b.1977), is a scientist at the Southwest Research Institute who worked on the composition team for the New Horizons Mission to Pluto.

**(151349) Stanleycooper = 2002 CW<sub>270</sub>**

Discovered 2002 Feb. 8 by M. W. Buie at Kitt Peak.

Stanley B. Cooper (b.1944), of Johns Hopkins University Applied Physics Laboratory, served as the lead engineer for the spacecraft time-keeping system for the New Horizons Mission to Pluto.

**(154587) Ennico = 2003 KL<sub>22</sub>**

Discovered 2003 May 30 by M. W. Buie at Cerro Tololo.

Kimberly Ennico Smith (b.1972), a Research Astrophysicist at NASA Ames Research Center, served as a Deputy Project Scientist for the New Horizons Mission to Pluto.

**(155784) Ercol = 2000 SH<sub>345</sub>**

Discovered 2000 Sept. 19 by M. W. Buie at Kitt Peak.

Carl Jack Ercol (b.1959) is a systems engineer at the Johns Hopkins University Applied Physics Laboratory. He served as the Thermal Subsystem Lead for the New Horizons Mission to Pluto.

**(156751) Chelseaferrell = 2002 XL<sub>92</sub>**

Discovered 2002 Dec. 4 by M. W. Buie at Kitt Peak.

Chelsea L. Ferrell (b.1988), of the Southwest Research Institute, served as a resource analyst for the New Horizons Mission to Pluto.

**(158472) Tiffanyfinley = 2002 CC<sub>274</sub>**

Discovered 2002 Feb. 8 by M. W. Buie at Kitt Peak.

Tiffany J. Finley (b.1976) is a principal engineer at the Southwest Research Institute. She served as the Science Operations Center Manager for the New Horizons Mission to Pluto.

**(159999) Michaelgriffin = 2006 EZ<sub>67</sub>**

Discovered 2006 Mar. 2 by M. W. Buie at Kitt Peak.

Michael D. Griffin (b.1949) served as the Johns Hopkins University Applied Physics Laboratory Space Department Head and previously served as the NASA Administrator during the New Horizons Mission to Pluto.

**(161592) Sarahhamilton = 2005 PN<sub>24</sub>**

Discovered 2005 Aug. 10 by M. W. Buie at Cerro Tololo.

Sarah A. Hamilton (b.1974) is an operations manager at the Johns Hopkins University Applied Physics Laboratory. She served as the Mission Operations Planning Lead Manager for the New Horizons Mission to Pluto.

**(162978) Helenhart = 2001 QD<sub>333</sub>**

Discovered 2001 Aug. 19 by M. W. Buie at Cerro Tololo.

Helen M. Hart (b.1954), a mission operations analyst at the Johns Hopkins University Applied Physics Laboratory, served as a Mission Sequencer for the New Horizons Mission to Pluto.

**(163244) Matthewhill = 2002 FU<sub>18</sub>**

Discovered 2002 Mar. 18 by M. W. Buie at Kitt Peak.

Matthew E. Hill (b.1971) is a senior scientist at the Johns Hopkins University Applied Physics Laboratory. He served as a Co-Investigator for a High Energy Charged Particles Spectrometer aboard the New Horizons Mission to Pluto.

**(164536) Davehinson = 2006 HF<sub>150</sub>**

Discovered 2006 Apr. 27 by M. W. Buie at Cerro Tololo.

David P. Hinson (b.1954), a Senior Research Scientist at Stanford University, served as a Co-Investigator for Radio Science for the New Horizons Mission to Pluto.

**(168221) Donjennings = 2006 JO<sub>60</sub>**

Discovered 2006 May 1 by M. W. Buie at Kitt Peak.

Don E. Jennings (b.1948) of the NASA Goddard Spaceflight Center, served as a Co-Investigator for Surface Composition Science for the New Horizons Mission to Pluto.

**(171624) Nicolemartin = 2000 CT<sub>106</sub>**

Discovered 2000 Feb. 5 by M. W. Buie at Kitt Peak.

Nicole P. Martin (b.1973) served as a Pluto flyby sequencer for the New Horizons Mission to Pluto.

**(172090) Davidmccomas = 2002 CL<sub>257</sub>**

Discovered 2002 Feb. 6 by M. W. Buie at Kitt Peak.

David J. McComas (b.1958), a Professor of Astrophysical Sciences at Princeton University, served as a Co-Investigator on the Particles and Plasma Science Team for the New Horizons Mission to Pluto.

**(172191) Ralphmcnutt = 2002 PH<sub>152</sub>**

Discovered 2002 Aug. 10 by M. W. Buie at Cerro Tololo.

Ralph McNutt (b.1953) is a senior scientist at the Johns Hopkins University Applied Physics Laboratory. He served as a science team co-investigator and as the Principal Investigator of the PEPSSI instrument aboard the New Horizons Mission to Pluto.

**(175238) Nguyenhien = 2005 GK<sub>187</sub>**

Discovered 2005 Apr. 12 by M. W. Buie at Kitt Peak.

Hien Nguyen (b.1968) is a systems engineer at the Johns Hopkins University Applied Physics Laboratory. He served as the Senior Ground Systems Hardware Engineer for the New Horizons Mission to Pluto.

**(176610) Nuñez = 2002 FW<sub>18</sub>**

Discovered 2002 Mar. 18 by M. W. Buie at Kitt Peak.

Jorge I. Nuñez (b.1981) is a scientist at the Johns Hopkins University Applied Physics Laboratory. He served as a *LORRI* Instrument Data Scientist for the New Horizons Mission to Pluto.

**(177120) Ocampo = 2003 GZ<sub>51</sub>**

Discovered 2003 Apr. 1 by M. W. Buie at Kitt Peak.

Adriana C. Ocampo (b.1955) served as the NASA Headquarters Program Program Executive for the New Horizons Mission to Pluto.

**(177722) Pelletier = 2005 GJ<sub>205</sub>**

Discovered 2005 Apr. 11 by M. W. Buie at Kitt Peak.

Frederic J. Pelletier (b.1974) is a senior engineer at KinetX, and served as Navigation Lead for the New Horizons Mission to Pluto.

**(178679) Piquette = 2000 QT<sub>247</sub>**

Discovered 2000 Aug. 28 by M. W. Buie at Cerro Tololo.

Marcus R. Piquette (b.1990), a graduate student researcher at the University of Colorado, served as a Student Dust Counter instrument scientist for the New Horizons Mission to Pluto.

**(179647) Stuartrobbins = 2002 PG<sub>152</sub>**

Discovered 2002 Aug. 10 by M. W. Buie at Cerro Tololo.

Stuart J. Robbins (b.1983) is a Senior Research Scientist at the Southwest Research Institute. He served as a Science Team Planning Liaison for the New Horizons Mission to Pluto.

**(182122) Sepan = 2000 QY<sub>234</sub>**

Discovered 2000 Aug. 26 by M. W. Buie at Cerro Tololo.

Rebecca L. H. Sepan (b.1977), a senior mission operations analyst at the Johns Hopkins University Applied Physics Laboratory, served as a Flight Controller for the New Horizons Mission to Pluto.

**(183357) Rickshelton = 2002 VT<sub>129</sub>**

Discovered 2002 Nov. 9 by M. W. Buie at Kitt Peak.

Richard G. Shelton (b.1957), Johns Hopkins University Applied Physics Laboratory, served as a Senior Mission Operations Analyst for the New Horizons Mission to Pluto.

**(188139) Stanbridge = 2002 CN<sub>315</sub>**

Discovered 2002 Feb. 6 by M. W. Buie at Kitt Peak.

Dale R. Stanbridge (b.1962) is a senior engineer at KinetX and served as a Navigation Team Member for the New Horizons Mission to Pluto.

**(189035) Michaelsummers = 2000 CX<sub>109</sub>**

Discovered 2000 Feb. 5 by M. W. Buie at Kitt Peak.

Michael E. Summers (b.1954) is a professor of planetary sciences and astronomy at George Mason University. He served as a co-investigator and as a Deputy Atmospheres Team Lead for the New Horizons Mission to Pluto.

**(189312) Jameyszalay = 2006 JN<sub>62</sub>**

Discovered 2006 May 1 by M. W. Buie at Kitt Peak.

Jamey R. Szalay (b.1988), an Associate Research Scholar at Princeton University, served as a Student Dust Counter Instrument PhD student for the New Horizons Mission to Pluto.

**(193736) Henrythroop = 2001 FQ<sub>182</sub>**

Discovered 2001 Mar. 25 by M. W. Buie at Kitt Peak.

Henry B. Throop (b.1972) is a senior scientist at the Planetary Science Institute. He served as a Science Team Collaborator and as a member of the Spacecraft Hazard Team for the New Horizons Mission to Pluto.

**(195405) Lentylar = 2002 GQ<sub>27</sub>**

Discovered 2002 Apr. 6 by M. W. Buie at Cerro Tololo.

G. Leonard Tyler (b.1940), formerly of Stanford University, served as a Science Team Co-investigator and as the REX instrument radio science principal investigator for the New Horizons Mission to Pluto.

**(196411) Umurhan = 2003 GW<sub>51</sub>**

Discovered 2003 Apr. 1 by M. W. Buie at Kitt Peak.

Orkan Umurhan (b.1969), a Senior Research Scientist at the NASA SETI Institute, served as a science team post-doctoral researcher for geophysics investigations for the New Horizons Mission to Pluto.

**(197525) Versteeg = 2004 DG<sub>65</sub>**

Discovered 2004 Feb. 22 by M. W. Buie at Kitt Peak.

Maarten H. Versteeg (b.1960) is a Staff Engineer at the Southwest Research Institute. He served as the Alice UV Spectrometer Instrument Software Lead for the New Horizons Mission to Pluto.

**(197845) Michaelvincent = 2004 PU<sub>110</sub>**

Discovered 2004 Aug. 14 by M. W. Buie at Cerro Tololo.

Michael A. Vincent (b.1978), an Assistant Director for Research and Development at the Southwest Research Institute, served as the REX Instrument Project Manager and Deputy Payload Systems Engineer for the New Horizons Mission to Pluto.

**(199574) Webbert = 2006 EX<sub>67</sub>**

Discovered 2006 Mar. 2 by M. W. Buie at Kitt Peak.

Richard Webbert (b.1959), a senior electrical engineer at the Johns Hopkins University Applied Physics Laboratory, served as the Power Systems Lead for the New Horizons Mission to Pluto.

**(199741) Weidner = 2006 HC<sub>152</sub>**

Discovered 2006 Apr. 26 by M. W. Buie at Cerro Tololo.

Scott E. Weidner (b.1961), an Assistant Vice President for Engineering at Princeton University, served as a SWAP Instrument Project Manager for the New Horizons Mission to Pluto.

**(200255) Weigle = 1999 VT<sub>204</sub>**

Discovered 1999 Nov. 10 by M. W. Buie at Kitt Peak.

Gerald Edwin Weigle II (b.1970) served as the Ralph Instrument Lead Engineer for the New Horizons Mission to Pluto.

**(201019) Oliverwhite = 2002 CZ<sub>257</sub>**

Discovered 2002 Feb. 6 by M. W. Buie at Kitt Peak.

Oliver L. White (b.1984) is a research scientist at the NASA SETI Institute. He served as a science team post-doctoral researcher for geophysics investigations for the New Horizons Mission to Pluto.

**(201023) Karlwhittenburg = 2002 CZ<sub>264</sub>**

Discovered 2002 Feb. 8 by M. W. Buie at Kitt Peak.

Karl E. Whittenburg (b.1966) is a mission operations engineer at the Johns Hopkins University Applied Physics Laboratory. He served as the Deputy Mission Operations Manager for the New Horizons Mission to Pluto.

**(201204) Stevewilliams = 2002 PZ<sub>148</sub>**

Discovered 2002 Aug. 10 by M. W. Buie at Cerro Tololo.

Stephen P. Williams (b.1953) is a software engineer at the Johns Hopkins University Applied Physics Laboratory. He served as the Command and Data Handling Engineering Lead for the New Horizons Mission to Pluto.

**(212796) Guoyonghuai = 2007 TE<sub>247</sub>**

Discovered 2007 Oct. 9 by PMO NEO Survey Program at XuYi.

Guo Yong-Huai (1909–1968), a professor at University of Science and Technology of China, served as the first dean of the Department of Chemical Physics. He was one of the founders of modern mechanics in China, and made significant contributions to mechanics, applied mathematics and aeronautics.

**(212797) Lipei = 2007 TG<sub>247</sub>**

Discovered 2007 Oct. 9 by PMO NEO Survey Program at XuYi.

Li Pei (1917–2017), a professor at University of Science and Technology of China and a famous linguist, made significant contributions to the foreign language teaching and research. She was honored as “the mother of Chinese applied linguistics”.

**(212977) Birutė = 2009 CT<sub>3</sub>**

Discovered 2009 Feb. 2 by K. Černis at Moletai.

Birutė (d. 1382) was the second wife of Kestutis, Grand Duke of Lithuania, and mother of Vytautas the Great. There is very little known about Birutė’s life, but after her death a strong cult devoted to her developed among Lithuanians.

**(230631) Justino = 2003 MB**

Discovered 2003 June 18 by A. Sota at Sierra Nevada.

Justino Sota Martinez (1931–2017) was the father of the discoverer. He was a Catholic priest in Atauta between 1954 and 1964. Then he got a bachelor's degree in literature, and become a secondary school teacher in Villacañas and Tres Cantos. With his wife Carmen Ballano, he had two children (Fernando and Alfredo).

**(241276) Guntramlampert = 2007 TF<sub>436</sub>**

Discovered 2007 Oct. 7 by R. Gierlinger at Gaisberg.

Guntram Lampert (b.1967) is an Austrian pharmacist, amateur astronomer and telescope maker. He has built a number of Schiefspiegler telescopes and has an excellent reputation as an optician in this field.

**(248839) Mazeikiai = 2006 SY<sub>406</sub>**

Discovered 2006 Sept. 25 by K. Černis at Moletai.

Mazeikiai is a Lithuanian city of 45 000 inhabitants, located 280 km northwest of Vilnius on the Venta River. Mazeikiai was first mentioned in 1335 and received the rights of self-government in 1919.

**(274472) Piet = 2008 SV<sub>83</sub>**

Discovered 2008 Sept. 28 by V. S. Casulli at Vallemare Borbona.

The Vatican Piet is a white Carrara marble sculpture by Michelangelo Buonarroti, kept in the Basilica of St. Peter in Vatican City. This was the first masterpiece by the young Michelangelo, and it considered one of the greatest works of art.

**(278645) Kontsevych = 2008 RQ<sub>22</sub>**

Discovered 2008 Sept. 4 at Andrushivka.

Yevgen Vasylyovych Kontsevych (1935–2010) was a Ukrainian novelist and short story writer. In his works he often compared people's relationships with the behavior of birds and wild animals, preferring communication with the latter, rather than with the deceptive and treacherous-by-nature humans.

**(291855) Calabròcorrado = 2006 ON<sub>14</sub>**

Discovered 2006 July 28 at Andrushivka.

Corrado Calabrò (b.1935) is an Italian poet who has regenerated contemporary poetry opening it dream-like to science. His poem Roaming tells of a large asteroid that strikes the Moon causing the Earth to wobble.

**(318723) Bialas = 2005 RN<sub>6</sub>**

Discovered 2005 Sept. 8 by E. Meyer at Linz.

Volker Bialas (b.1938) received his doctorate in 1968 in Munich on the Rudolphine Tables of Johannes Kepler. From 1985 to 2003 he was Scientific Director of the publication of Kepler's Collected Works at the Bavarian Academy of Sciences. He is a member of the working group Johannes Kepler of the IAU.

**(334756) Leővey = 2003 RP<sub>7</sub>**

Discovered 2003 Sept. 4 by K. Sárneczky and B. Sipőcz at Piskésetető.

Klára Leővey (1821–1897) was a famous Hungarian patriot, and a pioneer of women's education. She participated in the Hungarian Revolution of 1848, and because of this she was imprisoned. After her release, she became a headmistress of a girls' school. In her later years she was an active writer and journalist.

**(343322) Tomskuniver = 2010 CK**

Discovered 2010 Feb. 6 by T. V. Kryachko at Zelenchukskaya Stn.

Tomsk State University is a recognized center of education and science. Founded on 1878 May 28 by a decree of Russian Emperor Alexander II, it was the first university in the Asian part of Russia.

**(363115) Chuckwood = 2001 FW<sub>224</sub>**

Discovered 2001 Mar. 22 by SKADS at Kitt Peak.

Charles (Chuck) Wood (b.1942) made fundamental insights into the role of cratering and volcanism in shaping planetary surfaces. He tirelessly promoted science education through numerous books, popular articles and the internet. His development of education programs introduced many students to science.

**(364192) Qianruhu = 2006 QR<sub>1</sub>**

Discovered\* 2006 Aug. 16 by Q.-Z. Ye and C.-S. Lin at Lulin.

Qian Ruhū (b.1950) is a veteran amateur astronomer from Shanghai, China. He has written numerous articles on astronomy-related topics since the early 1980s, many of which were published by the magazine *Amateur Astronomers*.

**(364264) Martymartina = 2006 TP<sub>7</sub>**

Discovered 2006 Oct. 11 by L. Tesi and G. Fagioli at San Marcello.

Martina Maestripietri (b.1983) is an active amateur astronomer and member of the Gruppo Astrofili Montagna Pistoiese. She deals with astrometry of minor planets and comets, in particular the follow-up of NEOs. She also contributed to the discovery of the Haumea ring via a stellar occultation.

**(372305) Bourdeille = 2008 WO<sub>61</sub>**

Discovered 2008 Nov. 20 by M. Ory at Vicques.

Christian Bourdeille (b.1958) is the founding president of Uranoscope de l'Île de France, an astronomical observatory open to the public since 1983 in Gretz Armainvilliers (France). He is also the founding president of Uranoscope de France created in 1995 with the fundamental goal of developing international relations between amateur and professional astronomers worldwide.

**(437192) Frederickolsen = 2012 VN<sub>106</sub>**

Discovered\* 2011 Aug. 27 by T. V. Kryachko at Zelenchukskaya Stn.

Frederick Olsen (b.1943) worked all over the world as a hydrogeologist, mining exploration geologist, paleontologist, and teacher about the earth, the solar system and the universe. He also has an extensive collection of minerals, fossils and meteorites, and was a founding member of Colorado Meteorite Society.

**(448051) Pepisensi = 2008 FW<sub>61</sub>**

Discovered 2008 Mar. 31 by S. Pastor and J. A. Reyes at La Murta.

Josefa "Pepi" (b.1993) and Ascension "Sensi" (b.1994) are the names of the daughters of the discoverers of this asteroid. During their teenage years, they spent long nights waiting for the return of their parents from the La Murta Observatory.

**(450390) Pitchcomment = 2005 PN<sub>5</sub>**

Discovered 2005 Aug. 8 by M. Ory at Vicques.

Pitch Comment (b.1970) is a press artist and cartoonist in the Swiss Jura. He lives in the medieval and educational town of Porrentruy, where the discoverer works.

**(456731) Uligrözinger = 2007 TL<sub>8</sub>**

Discovered 2007 Oct. 8 by F. Hormuth at Heidelberg.

Ulrich Grözinger (b.1952) worked from 1979–2018 as an all-round engineer at MPIA Heidelberg. He contributed to many infrared space missions (including ISO, Herschel, and JWST) with his vast knowledge in electronics and cryoengineering. He developed and built the control system of the telescope used for the discovery.

**(489603) Kurtschreckling = 2007 TU<sub>184</sub>**

Discovered 2007 Oct. 13 by R. Gierlinger at Gaisberg.

Kurt Schreckling (b. 1939) is a German technician and amateur astronomer. His specialty is the optical measurement technique and the imparting of this knowledge to other amateur astronomers.