DR. HAROLD A. GELLER

Residence 703.866.0718 Office 703.993.1276

EDUCATION

Doctor of Arts, Education George Mason University, Fairfax, Virginia Master of Arts, Astronomy and Informatics George Mason University, Fairfax, Virginia Bachelor of Science, Math Concentration University of the State of New York, Albany, New York. Associate of Science, Science Northern Virginia Community College, Annandale, Virginia.

RECENT GRANTS PARTICIPATED AS PI

- Arlington Public Schools: Assessment of Arlington Planetarium; 2009. Awarded: \$5,129.
- Trends and Findings of Public Opinion Data Regarding Space Exploration, 2009. Total Budget: \$19,241.

RECENT GRANTS PARTICIPATED AS CO-I

- Virginia Initiative for Science Teaching and Achievement (VISTA), Virginia Department of Education, 2011-2015. Total Budget: \$28,445,346.
- Virginia Earth Science Collaborative; Mathematics and Science Partnership, No Child Left Behind Act of 2001, Title II, Part B, Virginia Department of Education (Subaward via Virginia Math and Science Center); 2005-2007. Awarded: \$165,381.
- Stars and Splash; No Child Left Behind Act of 2001, Title II, Part A, State Council of Higher Education for Virginia; 2007-2008. Awarded: \$97,129.
- Science Explorers; Mathematics and Science Partnership, No Child Left Behind Act of 2001, Title II, Part B, Virginia Department of Education; 2007-2008. Awarded: \$241,993.

RECENT PUBLIC OUTREACH PROGRAMS

- Astrobiology Daily, Editor, 2017-present, https://paper.li/AstroBioProf/1503494323#/
- Astrocast.TV Video Podcasts, Science Advisor; Editor; and, Producer. 2008-2010; http://astrocast.tv/
- Astrocast.TV Blog editor and science advisor. 2008-2010; http://astrocast.tv/blog/
- Trustee, 2007-2008, Northern Virginia Astronomy Club (NOVAC).
- Science Advisory Board, Friends of Arlington Planetarium, 2010-2013.

CAREER SUMMARY

Dr. Geller has over 40 years of work experience in industry, government and academia. He has been teaching physics and astronomy for over 25 years in the Department of Physics and Astronomy at George Mason University (GMU). Dr. Geller has been serving as a NASA/JPL Solar System Ambassador since 2012. In 2008 he was awarded the Faculty Member of the Year Award by the GMU Alumni Association, and he published a book on astrobiology curriculum development. Dr. Geller designed, developed, raised funds and oversaw the construction of the GMU observatory, which was completed in 2011 with the installation of a 32-inch diameter Richey Chrétien telescope. He developed a graduate course in astronomy for teachers, offered in the summers of 2006 and 2007, under the sponsorship of the College of Education and Human Development and the Virginia Department of Education. He was a lecturer, operator and weekend manager of the Einstein Planetarium, National Air and Space Museum, Washington, DC, for over five years (1997-2003). He currently operates the GMU StarLab portable planetarium. He was Principal Investigator on a \$7.5 million research grant from the Office of Naval Research (1992-1996) managing the development of geographic information systems (GIS) for remediation and restoration studies on Kaho`olawe, Hawaii, and research efforts in the Arctic region. Dr. Geller managed the development of multimedia CD-ROMs for education (K-12) and public outreach. He

has over 6 years experience in the development, calibration and characterization of remote sensing systems, and associated science research. Dr. Geller is experienced in CD-ROM multimedia; World Wide Web site development; artificial neural network applications; microprocessor applications; computer simulation and modeling; analog and digital electronics subsystems; requirements analysis, tests and evaluation; and computer-aided design and engineering. Dr. Geller served as a site manager for installing heating, ventilation, and air conditioning (HVAC), and satellite communications at a military communications center, after training with the U.S. Army Corps of Engineers in Fort Huachuca, Arizona. He has given public talks and educational demonstrations at grade levels 5 through 14 about astronomy and current research in searching for life on Mars and other topics, especially related to astrobiology.

PROFESSIONAL APPOINTMENTS

08/96 - Present: Term Associate Professor, Associate Chair (2006 - 2008), Observatory Director (2006 – present) Department of Physics and Astronomy

George Mason University, Fairfax, VA

Dr. Geller is currently Observatory Director for the College of Science. He was the Associate Chair of the Department of Physics and Astronomy from 2006 through 2008. He served as department Acting Chair in the summers of 2005, 2006, 2007 and 2008. He has taught laboratory and lecture sections in astrobiology, general science, physics, renewable energy and astronomy. He currently conducts classes in astronomy, astrobiology and integrated sciences. He co-designed the first astrobiology course taught at GMU, within the Honors College. He maintains numerous course Web sites for the Department of Physics and Astronomy, and the Honors Program. He serves on numerous faculty committees, including the committee tasked to increase the department's undergraduate enrollment, the committee that established an undergraduate degree in astronomy, and the committee that established the graduate degree program for a Ph.D. in Physical Sciences including a track in astronomy. Geller was awarded a Five-Year Service Award in 2005 and a Ten-Year Service Award in 2010. He was a finalist for the GMU Teacher of the Year Award in 2003, and he won the Faculty Member of the Year award in 2008. He designed, developed and funded the construction of George Mason University's new observatory. Dr. Geller developed Astronomy for Teachers, a graduate course for teachers offered in the summers of 2006 and 2007 (with fall semester follow-ups). In 2008 he published a book on the teaching of astrobiology. In 2012 he published a book about his brother's battle with cancer. In 2013, Dr. Geller published a book on the solar system targeted for the general public and contributed a chapter to a book on extraterrestrial altruism in conjunction with a group from the SETI Institute. Since 2012 he has been serving NASA JPL as a Solar System Ambassador.

5/01 - 8/04: Adjunct Faculty, Northern Virginia Community College Manassas Campus, Manassas, Virginia

Dr. Geller was adjunct faculty in Natural Sciences, teaching both lectures and laboratory sections of NAS 130 Elements of Astronomy. He utilized computer simulations as well as the limited astronomy equipment, such as a Meade 8" SCT, in the astronomy laboratory sections. He also took students on a field trip to an astronomy observatory and had an amateur astronomer lead the class in a laboratory section demonstrating the actual construction of a small telescope.

10/97 - 4/03: Lecturer and Operator, Einstein Planetarium National Air and Space Museum Smithsonian Institution, Washington, DC

Dr. Geller was a part-time Lecturer, Operator and Weekend Manager at the Einstein Planetarium. He conducted lectures using the Zeiss VIa planetarium projector to introduce audiences to the nighttime sky, and monitored operations during automated planetarium shows. During his term at the planetarium, he was asked by Smithsonian management to be the interviewee for a *Washington Times* centerpiece article on the planetarium. He assisted in reviewing planetarium show scripts and helped recruit high-stature speakers for the Smithsonian Institution. Geller ran classes for the Smithsonian Associates in 2000 called Physics and the Universe, for which he recruited a dozen world-recognized scientists as guest speakers over the course of the semester.

07/96 - 08/99: Project Manager, International Arctic Research Center (IARC) Support

Science Applications International Corporation (SAIC) General Sciences Corporation, Greenbelt, MD

While attached to the Science Applications International Corporation (SAIC) General Sciences Corporation (GSC) subsidiary, Geller was Project Manager for the multimillion-dollar contract with the Mitsubishi Corporation. He also provided systems engineering analysis and design support in developing the International Arctic Research Center (IARC) Information System Archive and Analysis Subsystem, the principal point of interaction for Arctic researchers worldwide, which was undertaken for the Japanese National Space Development Agency (NASDA) through its partner Mitsubishi. Geller's support included deriving system specifications, trade studies, performance modeling and data archival requirements analyses for the facility to be established at the University of Alaska Fairbanks (UAF). Prior to this position at GSC, he provided systems engineering design, development and implementation support for an undisclosed customer's secure communications server at SAIC's main offices in Tyson's Corner, Virginia. He analyzed network security, Internet firewalls and communications systems engineering support to customer command and control systems including the Army Global Command and Control System (AGCCS), the Global Command and Control System (GCCS) and the Defense Information Infrastructure (DII) programs.

04/92 - 06/96: Defense Program Coordinator and Manager of Washington Operations Consortium for International Earth Science Information Network (CIESIN) Washington, DC

Geller managed the Consortium for International Earth Science Information Network's (CIESIN) Washington, DC office and served as Deputy Director of Washington Operations. He provided support to the Director of Government and International Programs and the Vice President for Strategic Initiatives. He participated in the National Aeronautics and Space Administration (NASA) contract with the Office of the Mission to Planet Earth. Geller was Principal Investigator of a \$7M distributed geographic information system (GIS) research grant with the Office of Naval Research (ONR) under the Strategic Environmental Research and Development Program (SERDP), the two major thrusts of which were GIS support of Arctic research in environmental change, and initial studies of alternatives to restore and remediate the island of Kaho`olawe, Hawaii. He also served as Task Manager for the Outreach Task, where he managed the development of a multimedia CD-ROM for educators and other audiences to explain the Arctic's role in global environmental change and the environmental concerns related to Kaho`olawe Island. Geller served as the Department of Defense (DoD) representative to the Coalition for Earth Science Education (CESE), and chaired special sessions of the American Geophysical Union (AGU) for the SERDP Council.

08/92 - 06/95: Part-time Faculty, Department of Physics and Astronomy George Mason University, Fairfax, VA

As part-time faculty in George Mason University's (GMU) Department of Physics and Astronomy, Geller taught numerous laboratory and recitation sections in physics and astronomy at the undergraduate level.

01/91 - 04/92: Project Manager

Research and Data Systems Corporation, Greenbelt, MD

Geller was Contractor Manager of the Moderate Resolution Imaging Spectroradiometer (MODIS) Characterization Support Team (MCST) at the NASA Goddard Space Flight Center (GSFC). He worked with MODIS Science Team (MST) on calibrating and characterizing the MODIS sensor to be flown on NASA's Earth Observing System (EOS) satellite platform. He managed the contractor support team of scientists, programmers, analysts and administrative assistants, and was responsible for all aspects of reporting to the Assistant Technical Representative (ATR) and the Contracting Officer Technical Representative (COTR). Geller led an investigation into using artificial neural networks for discriminating within remote sensing imagery of clouds, water and land cover. He also chaired the public relations committee for the Artificial Intelligence conference held at NASA GSFC.

07/88 - 12/90: Senior Systems Engineer

Science Applications International Corporation (SAIC), Vienna, VA

Geller supported the Space Physics Division at NASA Headquarters in managing the division's \$240M budget. He supported analyzing future missions—particularly for feasibility and cost estimation, working with the principal investigators funded by NASA. He supported the effort to establish a Space Physics

Data System (SPDS) within NASA's National Space Science Data Center (NSSDC) at Goddard Space Flight Center (GSFC), including establishing the Space Physics Data System Steering Committee. Geller supported a combined Code O and Code S effort at NASA Headquarters to develop a simulation model, concentrating on the data volumes and costs associated with the end-to-end data system for delivering spacecraft information to the Earth Science community. This model was the precursor to the Earth Observing System Data Information System (EOSDIS). He also served in the Science Applications International Corporation's (SAIC) Information Systems Group of the Advanced Development and Integration Sector, and was Project Manager on a study of foreign technologies and policies in the international commercial space arena. He reviewed and participated in a number of technology assessments for the earliest planning stages of a Mars Telecommunications System (MTS) for the NASA Office of Space Operations (OSO). Geller developed a technical and cost simulation model for decision support in establishing communications policies through the year 2010.

As Systems Engineer on numerous Federal Systems Integration and Management Center (FEDSIM) projects, Geller participated in defining information system requirements for the office of the Director for Information Systems Command, Control, Communications and Computers (ODISC4). He conducted data collection interviews with Army personnel to the rank of full colonel, and analyzed alternative software tools to support information mission area planning and the prototype design for the Information Mission Area Resource Center (IMARC). He supported the Army Logistics Program Support Activity (LPSA) in assessing functional and performance requirements of LPSA mainframe computers and developed a plan to implement needed changes and transition to the new environment. He collected requirements data from Army personnel through interviews, and analyzed the impact on current and future system performance of various Standard Army Management Information Systems (STAMIS). Geller analyzed STAMIS assets that the LPSA mainframe computers supported, as well as STAMIS assets that were LPSA-interfaced. LPSA STAMIS support included the Total Army Equipment Distribution Program (TAEDP), Requisition-Validation (REQ-VAL) and the Equipment Release Priority System (ERPS). He analyzed the impact on LPSA mainframe computer performance of interfaces with other STAMIS such as TAADS-R, an Information Systems Engineering Command (ISEC) STAMIS which provided information to the REQ-VAL database. He also supported the US Air Forces Europe (USAEUR) with developing an Ada tool for rapidly analyzing of information flow and system performance using the multiple transaction, open queuing network model, and developed a cost model for USAEUR to study trade-offs of alternative system upgrade concepts.

11/87 - 06/88: Acting Section Head, CAD/CAE

Space Station Program Support, Grumman Aerospace Corporation, Reston, VA

Geller was Team Leader of an effort to establish policies dealing with simulating Space Station Freedom's on-board computer data and information systems. He was also Team Leader of the software development effort to upgrade a Space Station computer-based analysis and modeling tool. Geller was Team Leader of the throughput analysis study for the Space Station Data Management System (SSDMS), and authored a software configuration management plan for the software development group, as well as a study of data transfer and migration techniques for the NASA Space Station CAD/CAE Working Group. Geller served as engineering representative on the Technical Management Information System (TMIS) Working Group and the Requirements Planning Working Group associated establishing policies for TMIS-related equipment and procedures, including independent computing facilities within the Space Station Freedom Program Office.

05/83-10/87: Systems Engineer and Staff Scientist

Science Applications International Corporation (SAIC), Vienna, VA

Geller contributed to telecommunications engineering and installations plans for an alternate support headquarters (ASH) for the U.S. Army Communications Engineering Command (CECOM). He served as Lead Engineer for the cable subsystem, and Support Engineer for the technical control facility (TCF). He was database administrator for the Informix-based project database management system for both engineering management and materiel management under the auspices of the U.S. Army Information Systems Engineering Command (USAISEC). Geller served as Test Engineer in developmental testing and evaluating of a major foreign military communications and message switch center under the auspices of the US Navy Electronic Systems Command (NAVESC). He conducted performance testing and evaluated the minicomputer-based backbone for the Communications, Command and Control Center, which led to network upgrades based on the performance analyses and the ability to transfer information in a timely basis. Geller designed, developed and managed a special flashlamp testbed facility for the Defense Nuclear Agency (DNA), and designed and developed a multiprocessor-based data acquisition and control console for use in conducting experiments using the flashlamp thermal nuclear simulator. He also conducted special tests to determine the effects of thermal radiation from a nuclear weapon detonation.

06/80 - 04/83: Associate Engineer

Defense Systems Incorporated (DSI), McLean, VA

Geller designed and developed hardware and software for microprocessor-based communications and guidance systems for the Office of Naval Research (ONR) and the Naval Research Laboratory (NRL). He designed and implemented the microprocessor portion of a jam-resistant communications system, including the interface for a microprocessor-based portable communications controller. He also implemented microprocessor codes for signal encryption and signal error detection and correction.

04/78 - 05/80: Senior Electronic Technician, Acting Laboratory Supervisor Engineering Sciences Corporation (ENSCO), Springfield, VA

As Supervisor of daily operations of the Engineering Research and Development Laboratory in support of the Department of Transportation (DOT) contract, Geller developed and built a number of special automatic location detectors (ALD) for the Federal Railroad Administration (FRA) to assist in analyzing rail gage and strain measurements. He participated in numerous special tests conducted to establish the quality of ride of special test cars, and developed a test cars' power distribution and monitoring system.

09/77 - 04/78: Engineering Aide

Federal Bureau of Investigation (FBI), Washington, DC

Geller was an Engineering Aide for the Engineering Division in support of field agents using state-of-theart electronic and optical surveillance technologies.

01/75 - 05/76: Research Assistant Research Foundation of the City University of New York Brooklyn College, Brooklyn, NY

As a Research Assistant, Geller assisted in installing, developing and testing a 3M electron volt (3 MeV) Cockroft-Walton particle accelerator. He designed and built a safety subsystem to prevent or shut down the accelerator's operation under certain specific conditions. He assisted in operating the accelerator during the initial testing and evaluation period prior to turning over the unit to the Research Foundation of the City University of New York.

01/72 - 12/74: Research Assistant

State University of New York at Downstate Medical Center, Brooklyn, NY

Geller participated in peer-reviewed research in isoenzymology and enzyme kinetics. He studied the nature of false positive results from a clinical enzyme-based technique, leading to explaining the chemical nature of these results, which were interfering in using this technique to study myocardial infarction and pulmonary embolism.

COMPUTER PROFICIENCIES

Computers:	DEC PDP and VAX, Apollo Workstations, Sun Workstations, Silicon Grpahics,
	Inc. Workstations, PCs - IBM and Apple Mac
Operating Systems:	VMS, UNIX, PC DOS, PC Windows, Mac O/S
Applications:	MS Project, MS Word, MS Excel, JMP, PowerPoint®, Imagine That! by Extend
GIS:	ARC/INFO, IDRISI, ERDAS
Languages:	FORTRAN, BASIC, C, Ada

MEMBERSHIPS

Potomac Geophysical Society (PGS): President 2008-2009, 2001-2002, 1995-1996; 1st Vice President 1993-1995, 2000-2001, 2007-2008.

Northern Virginia Astronomy Club (501c3), 1987-present; Board of Trustees, 2007-2008.

Friends of Arlington Planetarium (501c3), 2009-2013; Science Advisory Board, 2010-2013.

Institute of Electrical and Electronics Engineers (IEEE), member for 34 years; Senior Member, 2018.

Association of Community College Educators (ACCE), George Mason University Chapter, Vice President, 2000-2001, 2001-2002

American Astronomical Society (AAS)

American Association for the Advancement of Science (AAAS) (1979-2015)

American Geophysical Union (AGU), member for 26 continuous years.

Society of Exploration Geophysicists (SEG) (1993-2013)

National Association of Geoscience Teachers (NAGT)

Mid-Atlantic Planetarian Society (MAPS)

National Science Teachers Association (NSTA)

Virginia Association of Science Teachers (VAST)

The Analemma Society

American Institute of Aeronautics and Astronautics (AIAA): Chair, NVC Public Relations Committee,

1987; Chair, NVC Corporate Liaison Committee, 1988

HONORS AND AWARDS

2018 Awarded Senior Member, Institute of Electrical and Electronics Engineers (IEEE)

2018 Albert Nelson Marquis Lifetime Achievement Award

2018 Certificate of Appreciation for Contributions to the 2017 Total Solar Eclipse, NASA Science Mission Directorate

2016 Midwood High School Most Accomplished Alumnus, Physical Sciences

2015 Certificate of Appreciation, University of Maryland Observatory, University of Maryland, College Park

2015 Mentorship Program, Thomas Jefferson High School, Certificate of Appreciation

2015 Fifteen Year Service Award, George Mason University

2014 First Lego League Team AwesomeBots, Certificate of Appreciation

2014 Mentorship Program, Thomas Jefferson High School, Certificate of Appreciation

2010 Ten Year Service Award, George Mason University.

2010 Telly Award, Silver, Excellence in Video Production in Education

2010 Telly Award, Silver, Excellence in Video Production in Information

2010 Telly Award, Silver, Excellence in Video Production in News and News Feature

2010 Telly Award, Silver, Excellence in Video Production in Travel and Tourism

2010 Cambridge Who's Who Astronomy Education Professional of the Year

2009 Telly Award, Bronze, Excellence in Video Production in Education.

2009 Telly Award, Bronze, Excellence in Video Production with a Limited Budget.

2009-2010 Cambridge Who's Who.

2008 Faculty Member of the Year Award, George Mason University Alumni Association.

2005 Individual Impact Award, George Mason University Honors Program in General Education

2005 Five-Year Service Award, George Mason University

2005 Certificate of Appreciation: Northern Virginia Astronomy Club

2004-2008 Marquis Who's Who in American Education

2004 Thomas Jefferson High School Mentorship Program, Certificate of Appreciation

2004 Fairfax County Park Authority Certificate of Appreciation

2003-2005 Virginia Academy of Sciences Certificate of Appreciation

2003-2005 Fairfax County Public Schools Certificate of Appreciation

2000-2015 Marquis Who's Who In America

1999-2015 Marguis Who's Who in the World

1995-2015 Marquis Who's Who in Engineering and Science

1995-2010 Marguis Who's Who in the East

1995-2001 Marquis Who's Who in Finance and Industry

1993 University of the State of New York Alumni Achievement Award

1992-1993 State Council of Higher Education for Virginia, Commonwealth Fellow

1992 US House of Representatives Page School: Certificate of Appreciation 1991 National Space Club: Certificate of Appreciation 1989-1992: NASA Goddard Space Flight Center Volunteer Service Award

PUBLICATIONS

- Geller, Harold A. 2019. A Solar Eclipse Teacher Workshop, Bulletin of the Eastern Section of the National Association of Geoscience Teachers, 69(1): 2-8.
- Ehrlich, Robert and Harold A. Geller, 2018. Renewable Energy, Second Edition, A First Course. CRC Press: Boca Raton, FL. ISBN 978-1-4987-3695-4.
- Geller, Harold A. 2017. *How I Spent My Solar Eclipse Vacation*, Bulletin of the Eastern Section of the National Association of Geoscience Teachers, 67(4): 7-9.
- Geller, Harold A. 2017. *The Geller Equation: On the Probability of Successful Sexual Relations with Extraterrestrials,* **ResearchGate**, **DOI:** 10.13140/RG.2.2.28639.36009.
- Geller, Harold A. 2016. Do Students Who Complete Examinations Sooner Do Better or Worse than Those Who Take Longer to Complete the Exam? Journal of Virginia Science Education, 10(2):55-60.
- Geller, Harold A. [Editor] 2015. Multigenerational Starship Design Considerations: A Problem Based Learning Laboratory Experience. Lulu Press: Raleigh, NC. ISBN 978-1-312-88784-8
- Geller, Harold A. and Prabal Saxena, 2015. *A Course in Astrobiology*. In **Multigenerational Starship Design Considerations: A Problem Based Learning Laboratory Experience** edited by Harold A. Geller. pp. 1-13. Raleigh, NC: Lulu Press.
- Geller, Harold A. and Michael E. Summers, 2015. eBook A Pluto Story As New Horizons Approaches. Lulu Press: Raleigh, NC. ISBN 978-1-329-17136-0.
- Geller, Harold A. and Michael E. Summers, 2015. A Pluto Story As New Horizons Approaches. Lulu Press: Raleigh, NC. ISBN 978-1-329-03384-9.
- Geller, H., 2015. VISTA Science Education Faculty Academy: Vexations and Ventures of Standardized Testing, Journal of Virginia Science Education, 10(1):64-69.
- Geller, H. and J. Smolik, 2014. The George Mason University and Winkler Botanical Preserve Inflatable Planetarium Collaboration 2014, Constellation, 2014:3 (Fall), 3, 18, 21.
- Geller, H. and J. Smolik, 2014. *The Moon and Apollo Missions: A Portable Planetarium Program at the Winkler Botanical Preserve*, **The Newsletter of the Northern Virginia Astronomy Club**, 36:157(September), 3, 5, 6.
- Geller, Harold A. and Thomas Meylan, 2014. *The George Mason University Astronomical Observatory*. **YouTube**, video published 24 September 2014, accessed at https://www.youtube.com/watch?v=j6OqmsR5ePY&feature=youtu.be
- Geller, Harold A. 2014. Yesterday, Today and Tomorrow: The Past, Present and Future Exploration of the Moon and Mars. The Arts and Entertainment Magazine, 1 August 2014, Issue 60.
- Geller, H., 2014. *The 3rd USA Science and Engineering Festival*, **The Newsletter of the Northern Virginia Astronomy Club**, 36:156(June), 3, 5, 7.
- Geller, Harold A. with illustrations by Geoff Elkins, 2014. eBook All the Secrets of the Universe. Lulu Press: Raleigh, NC. ISBN 978-1-312-13047-0.
- Geller, Harold A. with illustrations by Geoff Elkins, 2014. All the Secrets of the Universe in Large Print. Lulu Press: Raleigh, NC. ISBN 978-1-304-80866-0.
- Geller, Harold A., 2014. *Evidence of Life on Mars or Just Another Case of Pareidolia*. Journal of Cosmology, 17: 33-36.

- Geller, Harold A., 2013. *Harmful ETI Hypothesis Denied: Visiting ETIs Likely Altruists*. In **Extraterrestrial Altruism: Evolution and Ethics in the Cosmos** edited by Doug Vakoch. pp. 65-77.Berlin, Germany: Springer-Verlag.
- Geller, Harold A., 2013. All the Secrets of the Solar System in Large Print. Lulu Press: Raleigh, NC. ISBN 978-1-304-34530-1.
- Geller, Harold A., 2013. eBook All the Secrets of the Solar System in Large Print. Lulu Press: Raleigh, NC. ISBN 978-1-304-39444-6.
- Geller, Harold, 2013. Book review. *Mission to Mars: My Vision for Space Exploration* by Buzz Aldrin with Leonard David and Andrew Aldrin. **AAAS Science Book and Films**, 49: 6/7, p. 142.
- Geller, Harold A. 2013. *Betelgeuse A Red Giant With A Really Bright Future*. **The Arts and Entertainment Magazine**, 1 June 2013, Issue 46.
- Geller, Harold A. 2013. Beyond Current Law. Free Inquiry, 33(3):18.
- Geller, Harold A. 2013. *George Mason University Works with Winkler Botanical Preserve on Outreach*. **Constellation**, Spring 2013, Number 1, p. 7.
- Geller, Harold A. 2013. George Mason University's Storify account: Currently compiling the Mason Nation Project from @GeorgeMasonU. Dr. Harold Geller AstroBioProf 1-6 April 2013, http://storify.com/GeorgeMasonU/dr-harold-geller-astrobioprof
- Geller, Harold A. [Editor] 2013. A Cancer Story: Along the Road to Death by Metastasized Malignant Melanoma. Lulu Press: Raleigh, NC. ISBN 978-1-300-57229-9.
- Geller, Harold, 2012. On Precipitation Levels During Hurricane Sandy. Broadside, Volume 89, Issue 9, p. 3.
- Hennig, L.A.A., Bishop, J., Geller, H., Gould, A. and Schatz, D., 2012. Science Standards: The Next Generation; Minimum Astronomy and Space Science Concepts in a K–12 Curriculum. In Connecting People to Science: A National Conference on Science Education and Public Outreach edited by Joseph B. Jensen, James G. Manning, Michael G. Gibbs, and Doris Daou. San Francisco: Astronomical Society of the Pacific.
- Geller, H., 2012. Astrobiology The Integrated Science Curriculum. AV Akademikerverlag: Saarbrucken, Germany. ISBN: 978-3-639-39828-1. 2nd edition. Available on Amazon.com.
- Geller, H.A., 2012. Book Review. The Infinity Puzzle: Quantum Field Theory and the Hunt for an Orderly Universe by Close, Frank. AAAS Science Book and Films, 48:3, 73.
- Geller, Harold A. [Editor] 2011. This is Your Life Richard B. Geller: Stories Out Of The Life of Richard B. Geller. Lulu Press: Raleigh, NC. ISBN 978-1-257-75445-8
- Haque, S, Thiel, C.S., Pletser, V., Rampelotto, P.H., Geller, H., Gott, J.R., Ruff, S.W., Giddings, S., Leitner, J.J. and Firneis, M.G., 2011. *Why We Must Go To Mars*. In A One Way Mission To Mars: Colonizing the Red Planet edited by Paul Davies and Dirk Schulze-Makuch. Boston: Cosmology Science Publishers.
- Geller, Harold A., 2011. From the Pale Blue Dot to the Red Planet: Why Choose to go to Mars? Journal of Cosmology, 13: 4121-4130.
- Geller, Harold A., 2010. Stephen Hawking Is Wrong. Earth Would Not Be A Target For Alien Conquest. Journal of Cosmology, 7: 1777-1794.
- Geller, H.A. and Frazier, W.M., 2010. Assessing Planetarium Programs for Content and Pedagogy. Planetarian, Journal of the International Planetarium Society. 39(2):9-11,25.
- Murphy, E., Geller, H. and Bentley, M., 2009. *Virginia Earth Science Collaborative Astronomy Course for Teachers*. **The Journal of Mathematics and Science: Collaborative Explorations**, 10:67-84.

- Geller, H., 2009. Leadership Considerations for Incoming Community College President. ED504026, Washington, DC: Education Resources Information Center (ERIC).
- Geller, H., 2009. Gooey-Gosh: Editorial on Inquiry-Based Method Alternatives. Journal of College Science Teaching, 38:5, 9-10.
- Geller, H., 2009. *Early Results from South Pole Neutrino Telescope*, **The Newsletter of the Northern Virginia Astronomy Club**, 32:136, 6.
- Geller, H., 2009. Astronomy Observatories at Mason, The Newsletter of the Northern Virginia Astronomy Club, 32:136, 1-3.
- Geller, H.A., 2009. Book Review. *The Crowded Universe: The Search for Living Planets* by Boss, Alan. **AAAS Science Book and Films**, 45:2, 61.
- Geller, H.A., 2008. Book Review. *Life on Earth and Beyond: An Astrobiologist's Quest* by Turner, Pamela S. **AAAS Science Book and Films**, 44:6, 225.
- Geller, H., 2008. Astrobiology The Integrated Science Curriculum. ISBN: 978-3-8364-7339-2. VDM Verlag Dr. Muller: Saarbrucken, Germany.
- Geller, H.A., 2008. Book Review. *Voyage Through Space* by Graham, I. **Science Book and Films**, 44:2, 67.
- Geller, H., 2008. Editorial. Without a Net. Journal of College Science Teaching, 37:4, 8-9.
- Geller, H.A., 2008. Book Review. *The 50 Best Sights in Astronomy and How to See Them* by Schaaf, F. Science Book and Films, 44:1, 20-21.
- Geller, H., 2007. Raising Research One. ASIN: B002ACRM84, Lulu Press: Raleigh, North Carolina. Available on Amazon.com.
- Geller, H., 2007. Editorial. A Response to Creeping Passivity. Journal of College Science Teaching, 36:7, 7.
- Geller, H.A., 2007. Book Review. *Why the Sky is Blue: Discovering the Color of Life* by Hoeppe, G. **Science Book and Films**, 43:6, 252.
- Geller, H.A., 2007. Book Review. The 50 Best Sights in Astronomy and How to See Them: Observing Eclipses, Bright Comets, Meteor Showers, and Other Celestial Wonders by Schaaf, F. Science Book and Films, 43:4, 160.
- Geller, H.A., 2007. Book Review. *Modern Astronomy: Expanding the Universe* by Yount, L. Science Book and Films, 43:3, 114.
- Geller, H.A., 2007. Book Review. *Science, Society, and the Search for Life in the Universe* by Jakosky, B. **Science Book and Films**, 43:2, 60.
- Geller, H. 2005. Astrobiology as an Alternative Integrated Science Curriculum for Higher Education. **Dissertation Abstracts International**, 66 (02), 540. (Publication Number AAT 3163726)
- Geller, H. 2005. Astrobiology as an Alternative Integrated Science Curriculum for the General Science Requirements in Higher Education. In A. Fraknoi and W. Waller (Eds.), Cosmos in the Classroom 2004: A Hands-on Symposium on Teaching Introductory Astronomy (pp. 231-236). San Francisco, CA: Astronomical Society of the Pacific.
- Geller, H.A., 2005. Book Review. *The View From the Center of the Universe: Discovering Our Extraordinary Place in the Cosmos* by Primack, J.R., and Abrams, N.E.. **Science Book and Films**, 41:4, 160.
- Geller, H. 2005. *How the Stars Got in the Sky: Part II The Formation of the Stars*. Newsletter of the Northern Virginia Astronomy Club, 25(118):1-14.
- Geller, H. 2005. *How the Stars Got in the Sky: Part I The Formation of the Universe*. Newsletter of the Northern Virginia Astronomy Club, 25(117):1-9.

- Geller, H., 2004. How Far Is It? The Cosmic Distance Ladder. Amateur Astronomy, 43, p. 20-21.
- Geller, H. A., 2004. Book Review: *The Transits of Venus* by William Sheehan and John Westfall. **Science Books and Films**, 40:5, p. 210.
- Geller, H. A., 2004. Book Review: *Exploring Our Solar System* by Sally Ride and Tam O'Shaughnessy. **Science Books and Films**, 39:6, p. 551.
- Geller, H. A., 2002. Book Review: *The Big Bang Theory: What it is, Where it Came From, and Why It Works* by Karen Fox. **Science Books and Films**, 38:6, p. 551.
- Geller, H. A., 2002. Book Review: *The Wonder of Cosmic Discoveries* by David Levy and Wendee Wallach-Levy. **Science Books and Films**, 38:5, p. 508.
- Geller, H. A., 2002. Book Review: Our Universe: The Thrill of Extragalactic Explorations as Told by Leading Experts edited by Alan Stern. Science Books and Films, 38:2, p. 354.
- Geller, Harold A., 2001. A Brief History of Community Colleges and a Personal View of Some Issues (Open Admissions, Occupational Training, and Leadership). Educational Resources Information Center (ERIC) no. JC020076.
- Geller, Harold A., 2000. Studies on the Correlation between Campus Computing and the Rise in Tuition in Community Colleges. ED445717, Educational Resources Information Center (ERIC) no. JC000652.
- Labeouf, Joanne, and Harold Geller, 2000. *Managing Traditional and Non-Traditional Resources in Higher Education: Time Series Analyses for Best Bets*. ED446488, Educational Resources Information Center (ERIC) no. HE033280.
- Geller, H., W. C. Burton, J. Donovan, K. Donovan and M. Kafatos, 2000. The Barns at Franklin Park: Alliance of Professionals and Amateurs for the Development of Space and Planetary Science Education and Public Outreach. Eos, 81:19, S58.
- Geller, H. and M. Kafatos, 1999. Studies on the Chaotic Nature of Seasonal to Interannual Variability of Sea Ice Trends Utilizing Satellite Derived Data and Information. **Eos**, 80:46, F576.
- Bazell, D. and H. Geller, 1999. Simulation of the IARC NASDA Information System Archive and Analysis Subsystem Using Extend™. Simulation, 73:2, p.111-119.
- Geller, H. A. and J. Wallin, 1998. Web-based Distance Learning and Astronomy Education. Proceedings of the National Association of Geoscience Teachers Eastern Section Annual Conference, ed. P. Sethi, p. 1-12, Radford University Press.
- Geller, H. A. and F. Mahootian, 1997. *The Arctic Observatory CD-ROM: An Interactive Approach to Access and Demonstrate Scientific Data and Information*. **Marine Pollution Bulletin**, 35:7-12, July/December, p. 384-385.
- Geller, H., J. Ertlschweiger, S. Conger and A. Ryberg, 1997. A Prototype Metadata Database for Online Analytical Processing of Environmental Data. Proceedings of the Ninth International Conference on Scientific and Statistical Database Management, p. 92-95. Los Alamitos, CA: IEEE Computer Society.
- Van Bloem, S. J., M. K. Hobish, and H. A. Geller, 1995. *Modeling Sea-Ice Meltwater Effects on* δ¹⁸O *Concentrations in Arctic Surface Waters*. **Eos**, 76:46, F291.
- Schaidler, C. M., M. K. Hobish, and H. Geller, 1995. Using a GIS to Explore Radionuclide Distributions and Possible Effects on Human Health in Russia. **Eos**, 76:46, F66.
- Hobish, M. K. and H. Geller, 1994. Concept Development and Demonstration of a Global Change Educational Multimedia Resource. **Eos**, 75:44, F83.
- Geller, H. A., 1994. Forecasting Concerns of a Global Nature from a Regional Geographic Information System (GIS). GIS in Government: The Federal Perspective 1994, p. 195-199, Ft. Collins, CO: GIS World, Inc.

- Geller, H. A., 1994. Book Review: *Remote Sensing by Fourier Transform Spectrometry* by Reinhard Beer. **Photogrammetric Engineering and Remote Sensing**, 60:11, 1313.
- Geller, H. and P. Colvin, 1994. Utilization of Model and Empirical Data in an Arctic GIS for Geophysical Model Refinement. Eos, 75:44, F88.
- Geller, H. A., 1994. Forecasting Concerns of a Global Nature from a Regional Geographic Information System (GIS). Federal Geographic Technology Conference, FGT '94 Abstracts: 27 September, p. 79.
- Geldzahler, B. J. and H. A. Geller, 1994. Search for Gamma Ray Emission Lines from SS433 II. 1980-1989. The Astrophysical Journal, 420: 10 January, p. 655-660.
- Geller, H. A., R. J. Coullahan, and P. Colvin, 1993. *Mechanisms for Gaining Access to Geophysical Data and Information for Global Change Research.* **Eos**, 74:43, F86.
- Colvin, P., F. Tanis, C. Chiesa, and H. Geller, 1993. *Design and Development of an Arctic Geographic Information System for Global Change Research*. **Eos**, 74:43, F87.
- Geller, H. A. and B. J. Geldzahler, 1992. Search for Gamma Ray Line Emission from SS433 in the SMM GRS Data Base. Bulletin of the American Astronomical Society, 24:2, p. 732.
- Geller, H. A., E. Norris, and A. Warnock, 1991. Preliminary Results of Investigations into the use of Artificial Neural Networks for Discriminating Gas Chromatograph Mass Spectra of Remote Samples.
 Proceedings of the Sixth Goddard Conference on Space Applications of Artificial Intelligence, NASA Conference Publication 3110, p. 307-316.
- Barker, J. L., J. Harnden, H. A. Geller, P. Ardanuy, and J. Burelbach, 1991. Artificial Neural Network Applications for Discrimination of Cloud/Land/Water Boundaries Applied to Simulated Data From the Moderate Resolution Imaging Spectrometer. Eos, 72:43, F65.
- Geller, H. A. and F. P. Glosser, 1990. *Space Physics Researchers Develop Applications of Neural Networks.* **Space Physics Newsletter**, NASA Office of Space Science and Applications, 90:1.
- Geller, H. A., 1990. *Applications of Artificial Neural Networks in Space Physics*. **Proceedings of the Strategy-Implementation Study Workshop**, NASA Office of Space Science and Applications, Space Physics Division.
- Geller, H. A., 1990. Space Physics Information Engineering Systems: An Informal Discussion. Proceedings of the Strategy-Implementation Study Workshop, NASA Office of Space Science and Applications, Space Physics Division.
- Rae, P., J. Weatherbee, G. Jones, G. Tarbet, H. Geller and E. Klein, 1989. IMARC Concept of Operations/Design/Plan/Procedures Project Report. Falls Church, VA: Federal Systems Integration and Management Center (FEDSIM).
- Rae, P., G. Tarbet, and H. Geller, 1989. *IMARC Prototype Development Requirements Working Paper*. Falls Church, VA: Federal Systems Integration and Management Center (FEDSIM).
- Rae, P., G. Jones, E. Klein, H. Geller, and T. Ditanna, 1989. MAISRC Automation Design/Plan/ Procedures Project Report. Falls Church, VA: Federal Systems Integration and Management Center (FEDSIM).
- Ilari, C., H. A. Geller, and P. Li, 1988. *Evaluation of Network II.5 for Analyzing DMS Performance*. NASA Space Station Program System Engineering and Integration, SSE-E-88-R11.
- Silverstein, E. and H. A. Geller, 1974. Studies on the Nature of Non-Specific Staining in Nitro-blue Tetrazolium Detection of Dehydrogenases in Polyacrylamide Gel (Disc) Electrophoresis. **Journal of Chromatography**, 101, 327-337.

QUOTED IN THE MEDIA

In Astronomy Daily +/- 1:

"This Is Everything That's Wrong With Our Definition of 'Planet" by Blobrana. Available online at: https://paper.li/blobrana?edition_id=223ae0e0-a425-11e9-88a5-0cc47a0d164b#/ , 11 July 2019.

In Greater Ashland Beacon:

"Students Meet Astrobiologist, Discuss Astronomy" by Abby Maynard. Volume 8; Issue 44; p. C3. Available online at http://new.ashlandbeacon.com/images/weeklypapers/103018/page19.jpg, Tuesday 30 October 2018.

In Press Release:

"Harold A. Geller, DA, Presented with the Albert Nelson Marquis Lifetime Achievement Award by Marquis Who's Who" by Fred Marks. Available online at https://www.24-7pressrelease.com/press-release-service/455653, 16 August 2018.

In Mason News:

"Mason's Professors Explain the Positives and Negatives of Space Force" by Damian Cristodero. Available online at https://content.gmu.edu/news/513961, 16 August 2018.

In Astronomy Daily +/- 1:

"Researchers Report the Earliest Fossil Footprints;" "Fourth Neutrino Suspected Hints at Dark Mattery;" and, "Old Canoes Used to Make Prince William Landfill Bee, Insect Friendly." by Blobrana. Available online at: https://paper.li/blobrana?edition_id=69855120-6a9b-11e8-bde7-0cc47a0d164b#/, 7 June 2018.

In Astronomy Daily +/- 1:

"Climate Change would Push Alien Civilizations to Brink;" "Dealing with the Deferred Maintenance Challenge;" and, "Watch a great primer on the physics of skateboarding." by Blobrana. Available online at: https://paper.li/blobrana?edition_id=59cb3220-4d88-11e8-8cc9-0cc47a0d164b#/, 5 June 2018.

In Life in the Apple:

"Manhattanhenge Comes to New York City" by Kem Dvornik. Available online at:

http://newsintheapple.com/?edition_id=f899dee0-6748-11e8-a0c4-0cc47a0d15fd#/, 3 June 2018. In Astronomy Daily +/- 1:

"A Pale Blue Dot as Seen by a CubeSat" by Blobrana. Available online at:

https://paper.li/blobrana?edition_id=b4c6e3d0-5888-11e8-8cc9-0cc47a0d164b#/, 15 May 2018.

In Astronomy Daily +/- 1:

"NASA Cancels Only Robotic Mission to Moon;" "Mission to Mars Unit Activity;" and, "Mason's Autism Support Initiative Helps Students Help Themselves." by Blobrana. Available online at: https://paper.li/blobrana?edition_id=59cb3220-4d88-11e8-8cc9-0cc47a0d164b#/, 1 May 2018.

In Astronomy Daily +/- 1:

"Computer Searches Telescope Data for Evidence of Distant Planets;" "Autonomous vehicles: Dangerous by Design;" and, "Pet Food Company Knew About Salmonella." by Blobrana. Available online at: https://paper.li/blobrana?edition_id=8e7f3e70-36be-11e8-a86d-0cc47a0d164b#/, 2 April 2018.

In Astronomy Daily +/- 1:

"Winning Exoplanet Rocket Sticker Selected" by Blobrana. Available online at:

https://paper.li/blobrana?edition_id=e23f6b20-3399-11e8-87a9-0cc47a0d164b#/, 29 March 2018. In Astronomy Daily +/- 1:

"Mars Express views Moons set Against Saturn's Rings" by Blobrana. Available online at:

https://paper.li/blobrana?edition_id=a1c23680-1da1-11e8-ab06-0cc47a0d164b#/, 1 March 2018. In Fourth Estate:

"Mason's Observatory Looks to the Stars" by Isabella LaMagdeleine. Volume 5, Issue 15, p. 3. 19 February 2018.

In Astronomy Daily +/- 1:

"Five Takeaways from Trump's Proposed Budget for NASA;" "When Did Flowers Originate?;" "A Quantitative Look at United Nations' Global Vision for 2030;" "Standing to Lose Weight;" and, "Flat Earth Society: SpaceX's Falcon Heavy Launch was a Hoax." by Blobrana. Available online at: https://paper.li/blobrana?edition_id=79f94300-136a-11e8-b72a-0cc47a0d164b#/, 16 February 2018.

In Astronomy Daily +/- 1:

"Researchers Reveal Mechanisms in Water Splitting Catalyst, Paving the Way for Solar Fuels;" "Radio Signals Control Neural Crest Cells;" "Changes in Mouse Breast Tissue after Exposure to Fracking Chemicals;" "Why Ethical Robots Might Not be Such a Good Idea;" and, "Giardia Mimic Human Proteins to Cause Disease." by Blobrana. Available online at: https://paper.li/blobrana?edition_id=fc5447b0-0c57-11e8-94d7-0cc47a0d164b#/, 7 February 2018.

In Space & Tech Daily:

"Manmade Quakes Force Dutch to Face Future without Gas" by K. Llewellin. Available online at: https://paper.li/KLlewellin/1480270570#/, 30 January 2018.

In Astronomy Daily +/- 1:

"The Big Picture of Great Lakes Mercury Pollution;" "NASA Covers Wildfires from Many Sources;" "The Spark of Llfe;" "Astronomers Create First Detailed Images of Giant Star;" and, "Persistent Photoconductivity used to Stimulate Neurotypic Cells." by Blobrana. Available online at:

https://paper.li/blobrana?edition_id=d54618b0-0220-11e8-84c2-0cc47a0d164b#/, 25 January 2018. In Astronomy Daily +/- 1:

"Scientists Accidentally Found Oldest Ever Butterfly, Moth Fossils;" "Genetic Disorder Corrected by a Powerful CRISPR Tool;" "Science Tries to Translate Dog Barks to English;" "Genome Based Diets;" and, "What is a Polar Vortex?" by Blobrana. Available online at:

https://paper.li/blobrana?edition_id=2e681530-fa45-11e7-8b9e-0cc47a0d164b#/, 15 January 2018. In Astronomy Daily +/- 1:

"Origins of Photosynthesis in Plants Dated to 1.25 Billion Years Ago;" "The Rise of Y Chromosome Genes;" "Measuring Activity in the Developing Brain;" "The Year in Science Policy;" and, "U.S. Education in 2017 in 10 Charts." by Blobrana. Available online at:

https://paper.li/blobrana?edition_id=090cd040-e6a0-11e7-9173-0cc47a0d164b#/, 21 December 2017. In Astronomy Daily +/- 1:

"When did the Chloroplast Evolve;" "One in Five Materials Chemistry Papers may be Wrong;" "Doing Without Dark Energy;" "How Learning Makes Brain Waves;" and, "60-Year-Old Space Mystery Solved by CubeSat." by Blobrana. Available online at: https://paper.li/blobrana?edition_id=1ca340a0-e1e9-11e7-9173-0cc47a0d164b#/, 15 December 2017.

In Astronomy Daily +/- 1:

"Exoplanet Has Smothering Atmosphere Without Water;" "Scientists Show How Himalayan Rivers Influenced Ancient Indus Civilization Settlements;" "Breakthroughs in Tumor-Seeking Bacteria;" and, "Seven Life-Hacking Gadgets for an Adventurous Holiday Season." by Blobrana. Available online at: https://paper.li/blobrana?edition_id=63bbdf50-d556-11e7-a509-0cc47a0d164b#/, 29 November 2017.

In Astronomy Daily +/- 1:

"How Will You Celebrate American Education Week?" by Blobrana. Available online at https://paper.li/blobrana?edition_id=bda9a8c0-c8c3-11e7-9be4-0cc47a0d164b#/, 13 November 2017.

In Astronomy Daily +/- 1:

"Reading Less and Learning More When Evaluating Digital Information;" "Judging Double Blinded Peer Review;" and, "Scientists Find Missing Clue to How HIV Hacks Cells to Propagate Itself." by Blobrana. Available online at: https://paper.li/blobrana?edition_id=23490770-c59f-11e7-8787-002590a5ba2d#/ ,9 November 2017.

In Astronomy Daily +/- 1:

"Five Tech Myths People are Still Falling For;" and, "Millennial's 'More Meaningful Jobs' Might Not Be Available." by Blobrana. Available online at https://paper.li/blobrana?edition_id=ae938bc0-bf55-11e7-9c6a-0cc47a0d164b#/, 2 November 2017.

In Astronomy Daily +/- 1:

"Geologist Will Upgrade Monitoring of Greenland Glacier Critical to Sea-level Rise;" and, "Teens in US and Japan Admit to Phone Addiction." by Blobrana. Available online at:

http://paper.li/blobrana?edition_id=55eb0230-a7ba-11e7-aee2-0cc47a0d164b#/, 2 October 2017. In Astronomy Daily +/- 1:

"Bureaucrats to the Rescue" by Blobrana. Available online at

http://paper.li/blobrana?edition_id=aae0ba20-9fde-11e7-aeaa-0cc47a0d164b#/, 22 September 2017.

In Astronomy Daily +/- 1:

"Astrobiology: Life in the Universe" by Blobrana. Available online at

http://paper.li/blobrana?edition_id=43d61670-9d83-11e7-8129-0cc47a0d164b#/, 19 September 2017. In Astronomy Daily +/- 1:

"New Gravity Map Suggest Mars has Porous Crust;" "Physicists Propose New Way to Stabilize Next-Generation Fusion Plasmas;" "First Genetic Proof that Women were Viking Warriors;" "Scientists Devise a Theory Explaining How Light Emerged Within the Universe;" and, "Fake News and Rise of Fascism." by Blobrana. Available online at: http://paper.li/blobrana?edition_id=63d575c0-9995-11e7b468-0cc47a0d164b#/, 14 September 2017.

In Astronomy Daily +/- 1:

"Robot Dogs Help Lessen the Impact of K-9 Shortage in the Military" by Blobrana. Available online at http://paper.li/blobrana?edition_id=2e4a3a10-9415-11e7-8ac3-0cc47a0d164b#/, 7 September 2017.

In Astronomy Daily +/- 1:

"How to encrypt your entire digital life in an hour or less" by Blobrana. Available online at http://paper.li/blobrana?edition_id=b185e950-91b9-11e7-8513-0cc47a0d164b#/ , 4 September 2017.

In Astronomy Daily +/- 1:

"Wiesner team images tiny quasicrystals as they form;" and, "Spaser can detect, kill circulating tumor cells to prevent cancer metastases." by Blobrana. Available online at:

http://paper.li/blobrana?edition_id=878fb590-8782-11e7-94af-0cc47a0d164b#/, 22 August 2017. In Astronomy Daily +/- 1:

"Voting machines remotely hacked in 90 minutes at DEFCON" by Blobrana. Available online at http://paper.li/blobrana?edition_id=b3d245b0-8394-11e7-9cf0-0cc47a0d164b#/, 18 August 2017.

In Fairfax Connection:

"Solar Eclipse 2017: Local Experts Offer Instruction in Safe Viewing" by Marilyn Campbell. Available online at http://www.connectionnewspapers.com/news/2017/aug/14/solar-eclipse-2017/, 14 August 2017.

In McLean Connection:

"Solar Eclipse 2017: Local Experts Offer Instruction in Safe Viewing" by Marilyn Campbell. Available online at http://www.connectionnewspapers.com/news/2017/aug/14/solar-eclipse-2017/, 14 August 2017.

In Astronomy Daily +/- 1:

"Astrophysicists Map Out Light Energy Contained Within the Milky Way;" "Geologist Offers New Clues to Cause of World's Greatest Extinction;" "Robotic Exosuit Fixes Stride after Stroke;" "Omnipresent Effects of Human Impact on England's Landscape Revealed;" and, "Projected Precipitation Increases are Bad News for Water Quality." by Blobrana. Available online at: http://paper.li/blobrana?edition_id=e4de4eb0-7638-11e7-b196-0cc47a0d164b#/, 31 July 2017.

In Astronomy Daily +/- 1:

"Saturn Surprises as Casini Continues its Grand Finale" by Blobrana. Available online at http://paper.li/blobrana?edition_id=e4037080-7181-11e7-b196-0cc47a0d164b#/ , 25 July 2017.

In Astronomy Daily +/- 1:

"Scientists reconstruct images of human faces extracted from monkey brain scans;" "Rooftop concentrating photovoltaics win big over silicon outdoor testing;" and, "Dual wi-fi equipped UAVs tag team 3D imaging by seeing through walls like Superman." by Blobrana. Available online at http://paper.li/blobrana?edition_id=bb4e08b0-6c01-11e7-b196-0cc47a0d164b#/, 18 July 2017.

In Astronomy Daily +/- 1:

"How the rise of electric cars will radically change your driving infrastructure;" "5 Ways Educators (and parents) can Support Young Women in STEM;" and, "Study Sheds Light on Regulation of Hair Growth Across the Entire Body." by Blobrana. Available online at http://paper.li/blobrana?edition_id=e750a9a0-6813-11e7-b16d-0cc47a0d164b#/, 13 July 2017.

In Astronomy Daily +/- 1:

"Solar cells thinner than a strand of hair may soon power your smartphone;" "Bringing Cell Culture to Space;" "3D printing is turning nano-machines into life sized workers;" and, "Laughs from Lab." by Blobrana. Available online at: http://paper.li/blobrana?edition_id=6a548000-65b8-11e7-9619-0cc47a0d164b#/, 10 July 2017.

In Northern Virginia Magazine:

"Stargazing 101 in Northern Virginia" by Eliza Berkon. Available online at https://www.northernvirginiamag.com/things-to-do/things-to-do-features/2017/07/06/stargazing-101-in-northern-virginia/, 6 July 2017.

In Astronomy Daily +/- 1:

"NASA Release Kepler Survey Catalog with Hundreds of New Planet Candidates" by Blobrana. Available online at: http://paper.li/blobrana?edition_id=f0057060-5537-11e7-be23-0cc47a0d164b#/, 19 June 2017.

In Astronomy Daily +/- 1:

"Scientists Propose Synestia, a New Type of Planetary Object;" "Crews Cover Collapsed Tunnel at Nuclear Site;" "Tabby's Star Dims Once Again, Reigniting Alien Theories;" "The Promise and Peril of School Vouchers;" and, "Bullying Persists in School, Reports of Sex Crime Up." by Blobrana. Available online at: http://paper.li/blobrana?edition_id=74157370-4000-11e7-a72d-0cc47a0d164b#/, 23 May 2017.

In Astronomy Daily +/- 1:

"Emergency Declared After Tunnel Collapses at Hanford Nuclear Site" by Blobrana. Available online at: http://paper.li/blobrana?edition_id=4d5c9060-35c9-11e7-a3ae-0cc47a0d164b#/, 10 May 2017.

In Space & Tech Daily:

"Most U.S. Nuclear Power Plants were Built Between 1970 and 1990" by K. Llewellin. Available online at: http://paper.li/KLlewellin/1480270570?edition_id=17dc04c0-2cb4-11e7-b787-0cc47a0d1609#/, 29 April 2017.

In Astronomy Daily +/- 1:

"How to Transfer Your VHS Home Movies to the Computer" by Blobrana. Available online at: http://paper.li/blobrana#/, 17 April 2017.

In Astronomy Daily +/- 1:

"Four Potential Planet 9 Candidates Spotted by Thousands of Volunteers;" "George Mason University --College Planning and Management;" "Study Reveals 10,000 Years of Genetic Continuity in Northwest North America;" "Evidence of Britain's Original Separation from Europe Discovered;" and, "U.S. Energy Consumption Rose Slightly in 2016 Despite a Significant Decline in Coal Use." by Blobrana. Available online at: http://paper.li/blobrana?edition_id=80799a70-1a48-11e7-9ddc-0cc47a0d164b#/, 5 April 2017.

In Astronomy Daily +/- 1:

"A New Kind of March Madness Hits Schools" by Blobrana. Available online at: http://paper.li/blobrana#/ , 29 March 2017.

In Astronomy Daily +/- 1:

"Automating Biology Experiments With Legos" by Blobrana. Available online at: http://paper.li/blobrana#/, 27 March 2017.

In Space & Tech Daily:

"U.S. Biomass-based Diesel Imports Increase 65%, set new Record in 2016" by K. Llewellin. Available online at: http://paper.li/KLlewellin/1480270570#/, 22 March 2017.

In Astronomy Daily +/- 1:

"Warm Weather Leads to First Recorded Natural Gas Storage Injection;" "Germany's Lessons in Windpower;" and, "Will a New Glass Battery Accelerate the End of Oil." by Blobrana. Available online at: http://paper.li/blobrana?edition_id=6b06f9b0-0519-11e7-a350-0cc47a0d164b#/, 9 March 2017.

In Marketing et Technologies [La revue de presse de benavent fr] :

"New Study Justifies Darwin's 'Living Fossils' Theory" by Christophe Benavent. Available online at: http://paper.li/Benavent/1330959691#/, 24 February 2017.

In Space & Tech Daily:

"Moon, Venus, First Point of Aries" by K. Llewellin. Available online at:

http://paper.li/KLlewellin/1480270570#/, 31 January 2017.

In Astronomy Daily +/- 1:

"Enjoying Dark Skies with Kids;" "Fossil Footprints Found from Extinct Sea Creature;" and, "College – Your choice, not everyone else's." by Blobrana. Available online at:

http://paper.li/blobrana?edition_id=58c1f400-de98-11e6-a2dd-0cc47a0d164b , 19 January 2017.

In Space & Tech Daily:

"5 Big Ideas in Education that Don't Work" by K. Llewellin. Available online at:

http://paper.li/KLlewellin/1480270570?edition_id=e00f5840-dafa-11e6-9152-0cc47a0d1609, 15 January 2017.

In Space & Tech Daily:

"We're about to find out what part of the solar system NASA will explore next" and "Women Who Count: 3 Smart STEM Romances" by K. Llewellin. Available online at:

http://paper.li/KLlewellin/1480270570?edition_id=3b892770-d31f-11e6-9152-0cc47a0d1609, 5 January 2017.

In Space & Tech Daily:

"Freezing Mars' Core - in the Lab" and "Cold Neptunes an Exoplanet Sweet Spot" and "A Fertilizer Dearth Foiled Animal Evolution" and "Cassiopeia Queen of the North" and "Hev Kids: If Batman can Finish His Homework, You Can Too" and "Edtech Market to Reach \$252B by 2020" by K. Llewellin. Available online at: http://paper.li/KLlewellin/1480270570?edition id=38b3f150-c9b1-11e6-9152-0cc47a0d1609, 24 December 2016.

In CensuredNewsNow:

"Is Dangerous Science Research Kept from the Public?" by CensuredNewsNow. Available online at: http://paper.li/censorednewsnow/1323693384?edition_id=85662f10-c7c5-11e6-992b-0cc47a0d15fd, 21 December 2016.

In Futuresense:

"Today in Science: Tycho Brahe" by Gordon Fuller. Available online at:

http://futuresense.info/?edition_id=33fa7cf0-c2d7-11e6-8c0f-0cc47a0d1605, 15 December 2016. In Astronomy Daily +/- 1:

"Sharing Knowledge: Why Going to Conferences is a Good Thing" by Blobrana. Available online at: http://paper.li/blobrana?edition_id=824de660-be60-11e6-ac14-0cc47a0d164b, 9 December 2016.

In Fresh Air:

"Rip in Crust Drives Undersea Volcanism, Study Says" by Jordan Slaght. Available online at: http://linkis.com/paper.li/ruralrooted/4gewd, 16 November 2016.

In Astronomy Daily +/- 1:

"For the cost of an iPhone you can buy a wind turbine to power your entire home" and "Study Looks at Ancient Hurricanes" by Blobrana. Available online at: http://paper.li/blobrana?edition_id=0a54cef0-a14e-11e6-93a5-0cc47a0d164b#!environment . 2 November 2016.

In Jyn's Spirituality Daily:

"Is This the World's Number One Killer?" by Jvn Elmore. Available online at:

http://paper.li/kandibaby713/1445957984?edition_id=99c42de0-769e-11e6-b90c-0cc47a0d1609,9 September 2016.

In Kazer Bazar Hosting News:

"The Modern News Consumer" by Anders Sporring. Available online at:

http://paper.li/AndersSporring?edition_id=7ae261a0-44d8-11e6-a975-002590a5ba2d, 8 July 2016.

In Kazer Bazar Hosting News:

"Video from a Polar Bear's Point of View" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition id=078af5c0-319e-11e6-9b68-0cc47a0d1609 . 13 June 2016.

In Kazer Bazar Hosting News:

"The Unexpected Math Behind Van Gogh's 'Starry Night'" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition id=b6126a80-269d-11e6-96e8-0cc47a0d1609, 30 May 2016.

In Kazer Bazar Hosting News:

"20 Things You Didn't Know About ... Violence" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition_id=e2451c20-22af-11e6-bed5-0cc47a0d1609, 25 May 2016.

In Kazer Bazar Hosting News:

"Why scientists think we should be working three-day weeks" and "13 Reasons to have an out of this world Friday (the 13th)" by Kazer Bazar. Available online at: http://paper.li/e-

1430422523?edition id=e3656320-1941-11e6-8db8-0cc47a0d1609, 13 May 2016.

In The Mike Street Daily:

"New Horizons" by Mike Street. Available online at: http://paper.li/streetforce1?edition id=4249cc10-108b-11e6-9b9f-0cc47a0d15fd, 2 May 2016.

In Kazer Bazar Hosting News:

"Happy Earth Day" by Kazer Bazar. Available online at: http://paper.li/e-

1430337329?edition_id=9342f570-08c4-11e6-a6da-0cc47a0d1605, 22 April 2016.

In Kazer Bazar Hosting News:

"Mile-High Mars Mounds Built by Wind and Climate Change" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition_id=4914c9d0-f841-11e5-ac52-0cc47a0d1609 , 1 April 2016.

In Health and Science Snapshot:

"Zika Virus as a Cause of Neurologic Disorders" by Alexis Willett. Available online at: http://paper.li/punchconsult/1332752725?edition_id=78af7da0-f4ab-11e5-bcdf-0cc47a0d164b, 28 March 2016.

In Kazer Bazar Hosting News:

"Radar View of Titan's Tallest Mountains" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition_id=56423e60-f2c1-11e5-ac52-0cc47a0d1609, 25 March 2016.

In Health and Science Snapshot:

"Lucid Dreamers May Help Unravel the Mystery of Consciousness – The Crux" by Alexis Willett. Available online at: http://paper.li/punchconsult/1332752725?edition_id=bc044a50-ee6a-11e5-b721-0cc47a0d164b, 20 March 2016.

In Per Bojsen Daily:

"Unexpected Changes of Bright Spots on Ceres Discovered" by Per Bojsen. Available online at: http://paper.li/bojsen?edition_id=536b7310-ebef-11e5-a16d-0cc47a0d15fd , 16 March 2016.

In Johns Daily Dose:

"Pi Day: 8 Things About Your Favorite Mathematical Constant" by Dr. John Ward. Available online at: http://paper.li/drjohnwardkt/1421077807?edition_id=58b3f7a0-ea2f-11e5-9eff-0cc47a0d1605#!science, 14 March 2016.

In Kazer Bazar Hosting News:

"Sol 1278: Nodules: Take 2" by Kazer Bazar. Available online at: http://paper.li/e-

1430422523?edition_id=044281c0-e7c1-11e5-9ebb-0cc47a0d1609 , 11 March 2016.

In Yuma Blogger News:

"Repeat fast radio bursts detected from same sky location" and "When Eyebrows Collide: Scientists Map the Genetics of Facial Hair" by Andy Anderson. Available online at:

http://paper.li/7monkeysco?edition_id=e8620480-e171-11e5-93b9-0cc47a0d164b , 3 March 2016. In **Kozi News**:

"Academia is Losing Its Mind" by Nick Koziol. Available online at: http://paper.li/kozioln/1426767866?edition_id=1e728e40-dfca-11e5-8226-002590a5ba2d, 1 March 2016.

In The Exoplanet Report:

"Moons Might Hold Key to Finding E.T. Life" by Paul Scott Anderson. Available online at: http://paper.li/paulsanderson/1399515962?edition_id=ae0b6d20-dcf9-11e5-ad74-002590a5ba2d, 26 February 2016.

In Kazer Bazar Hosting News:

"Ancient Flowers Probably Poisonous" and "Prokaryote vs. Eukaryote" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition_id=147775e0-db2e-11e5-b07e-0cc47a0d1609, 24 February 2016.

In Yuma Blogger News:

"Nobody Wants Social Robots That Look Like Humans Because They Threaten Our Identity" by Andy Anderson. Available online at: http://paper.li/7monkeysco?edition_id=a8cb0e90-d5a8-11e5-b9fb-0cc47a0d164b, 17 February 2016.

In Kazer Bazar Hosting News:

"Give Me 5 Minutes and I'll Give you Saturn in 2016" and "February 2016 Guide to the Five Bright Planets" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition_id=597041d0-ce9b-11e5-a5cc-0cc47a0d1609, 8 February 2016.

In 吾輩新聞:

"Toshiba Prepares Amphibious Robot for Fukushima Reactor Pool" by <u>吾輩</u>. Available online at: http://paper.li/wagahaida/1301989713?edition_id=da8a1dd0-cb13-11e5-9483-0cc47a0d164b, 4 February 2016.

In Health and Science Snapshot:

"Expedition Recovers Mantle Rocks that Show Signs of Life" by Alexis Willett. Available online at: http://paper.li/punchconsult/1332752725?edition_id=b2abebc0-c97b-11e5-881a-0cc47a0d164b, 2 February 2016.

In The Exoplanet Daily:

"Loneliest Known Exoplanet and its Star" by Fabian Herrmann. Available online at: http://paper.li/NeilBrainstrong/1316834649?edition_id=9d0fafe0-c598-11e5-881a-0cc47a0d164b, 28 January 2016.

In Health and Science Snapshot:

"These Historical Glass Plates Made History" by Alexis Willett. Available online at: http://paper.li/punchconsult/1332752725?edition_id=62177420-c3fb-11e5-881a-0cc47a0d164b, 26 January 2016.

In Johns Daily Dose:

"New mobile lenses hook onto your iPhone so you can snap high quality photos" by Dr. John Ward. Available online at: http://paper.li/drjohnwardkt/1421077807?edition_id=2a5feb90-c089-11e5-a618-0cc47a0d1605, 21 January 2016.

In Health and Science Snapshot:

"Finally a device to stop people from texting and driving" by Alexis Willett. Available online at: http://paper.li/punchconsult/1332752725?edition_id=10b270e0-b8fb-11e5-9828-0cc47a0d164b, 11 January 2016.

In Blue Camas News:

"Why is Chile Putting an Hydropower Plant in the Middle of the World's Most Arid Desert?" by David Peterson. Available online at: http://paper.li/bluecamas/1418234893?edition_id=d12cba50-b316-11e5-b5fd-002590a5ba2d#!science , 4 January 2016.

In Kazer Bazar Hosting News:

"This Post is Brought to You by the National Science Foundation" by Kazer Bazar. Available online at: http://paper.li/e-1430337329?edition_id=d5a775a0-aff8-11e5-8cbe-0cc47a0d1605, 31 December 2015.

In Johns Daily Dose:

"The Gemini Planet Imager Produces Stunning Observations in its First Year" by Dr. John Ward. Available online at: http://paper.li/drjohnwardkt/1421077807?edition_id=5d7c68d0-adad-11e5-8cbe-0cc47a0d1605, 28 December 2015.

In Johns Daily Dose:

"Look for Mercury West After Sunset" by Dr. John Ward. Available online at: http://paper.li/drjohnwardkt/1421077807?edition_id=5d7c68d0-adad-11e5-8cbe-0cc47a0d1605, 28 December 2015.

In The Saturday Astrophysics:

"BeautifulMars" by Oliver Dreissigacker. Available online at: http://paper.li/odreissi/the-odreissi-daily-2?edition_id=ea659a80-abac-11e5-8cbe-0cc47a0d1605, 26 December 2015.

In Kazer Bazar Hosting News:

"Virginia to End Concealed Carry Reciprocity with Other States" by Kazer Bazar. Available online at: http://paper.li/e-1430337329?edition_id=58d70860-a8e6-11e5-8cbe-0cc47a0d1605, 22 December 2015.

In Health and Science Snapshot:

"Making Bicycling Safer for Kids with ADHS" by Alexis Willett. Available online at: http://paper.li/punchconsult/1332752725?edition_id=458306c0-a61f-11e5-b992-0cc47a0d164b, 19 December 2015.

In Kazer Bazar Hosting News:

"Could Dementia Villages come to the US" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition_id=1ade1540-a363-11e5-abbd-0cc47a0d1609, 15 December 2015.

In Tubsturtle Times:

"12 Most Impressive Government Successes in 2015" by Tony Barraclough. Available online at: http://paper.li/tubsturtle/1289131244?edition_id=c0bfdf70-a16f-11e5-9049-0cc47a0d164b , 13 December 2015.

In Kazer Bazar Hosting News:

"New clues to Ceres' bright spots and origins" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition_id=1c67db00-9eac-11e5-b16d-0cc47a0d1609, 8 December 2015.

In Kazer Bazar Hosting News:

"NASA and Russian counterpart teaming up for a Venus surface mission" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition_id=ca0d7b40-93ab-11e5-915c-0cc47a0d1609, 25 November 2015.

In The Anders Sporring Daily:

"Game-changing Tech: Prototype Humanoid Robots awarded to help with NASA Robotics R&D" by Anders Sporring. Available online at: http://paper.li/AndersSporring?edition_id=a4c9c270-8f5b-11e5-9023-002590a5ba2d, 20 November 2015.

In #Science & #Green News Tweetinator:

"NASA explains why it's worried about the mental health of astronauts going to Mars" by Edouard Lambelet and Iskander Pols. Available online at:

http://paper.li/medablog/1333328497?edition_id=3ecfd8c0-8d7f-11e5-94ec-0cc47a0d1605 , 18 November 2015.

In #Science & #Green News Tweetinator:

"'NASA's Deputy Administrator discusses agency's road-map to Mars in exclusive interview" by Edouard Lambelet and Iskander Pols. Available online at:

http://paper.li/medablog/1333328497?edition_id=3ecfd8c0-8d7f-11e5-94ec-0cc47a0d1605 , 18 November 2015.

In India Vox:

"November: Low prices should give no cause for complacency on energy security" by Voices of India. Available online at: http://paper.li/indiavox/1301940449?edition_id=541c9e00-8a70-11e5-8136-0cc47a0d1605, 13 November 2015.

In The Solar System Daily:

"Family Portrait of Mars Dust Devils" by Caroline Carson. Available online at: http://paper.li/The_SolarSystem/1348935846?edition_id=72d03110-86fe-11e5-852b-0cc47a0d15fd, 9 November 2015.

In Differentiation Daily:

"Math Anxiety Doesn't Equal Poor Math Performance" by Laurie Westphal. Available online at: http://paper.li/GTConsultant/1328381291?edition_id=0c73e0c0-83dd-11e5-b2fe-002590a5ba2d, 5 November 2015.

In The Saturday Astrophysics:

"Why America's Obsession with STEM Education is Dangerous" by Oliver Dreissigacker. Available online at: http://paper.li/odreissi/the-odreissi-daily-2?edition_id=5b9ed820-7fab-11e5-a18d-0cc47a0d1605, 31 October 2015.

In The Saturday Astrophysics:

"A Flyover of Pluto's Tombaugh Regio" by Oliver Dreissigacker. Available online at: http://paper.li/odreissi/the-odreissi-daily-2?edition_id=5b9ed820-7fab-11e5-a18d-0cc47a0d1605, 31 October 2015.

In The Saturday Astrophysics:

"First Democratic Debate Highlights: 2015" by Oliver Dreissigacker. Available online at: http://paper.li/odreissi/the-odreissi-daily-2?edition_id=5b9ed820-7fab-11e5-a18d-0cc47a0d1605, 31 October 2015.

In The Daily Science:

"Try This Game in Your Next Vocabulary Lesson" by Amin Sai. Available online at: http://paper.li/KirqSai/1425825827?edition_id=a83bc130-7f14-11e5-a1c9-0cc47a0d1609, 30 October 2015.

In Johns Daily Dose:

"Form Follows Function in Plant Temperatures" by Dr. John Ward. Available online at: http://paper.li/drjohnwardkt/1421077807?edition_id=1d285970-7dbe-11e5-bdb0-0cc47a0d1605, 28 October 2015.

In Kazer Bazar Hosting News:

"Daily Views of Earth on New NASA Website" by Kazer Bazar. Available online at: http://paper.li/e-1430422523?edition_id=27c05e60-78f4-11e5-8ba2-0cc47a0d1609, 22 October 2015.

In Johns Daily Dose:

"Developers are hoping their wandering robot finds a home in children's playgrounds everywhere" by Dr. John Ward. Available online at: http://paper.li/drjohnwardkt/1421077807?edition_id=817e7930-712b-11e5-a8af-0cc47a0d1605, 12 October 2015.

In Let's Talk Energy Efficiency and Savings Solutions:

"Energy Efficiency Market Report 2015 Highlights Cuts in Greenhouse Gases from Investments in Energy Efficiency" by Organic Social Media. Available online at: http://linkis.com/paper.li/keesdenhart/VaByi, 10 October 2015.

In Johns Daily Dose:

"What's Up? The Space Place – Andromeda Galaxy" by Dr. John Ward. Available online at: http://paper.li/drjohnwardkt/1421077807?edition_id=db781f90-6e06-11e5-a8af-0cc47a0d1605, 8 October 2015.

In Utahns Want to Invest in Kids:

"Utah Spends on Children Less than it did Before Great Recession" by Voices for Utah Children. Available online at: https://storify.com/utchildren/utah-wants-to-

investinkids?awesm=sfy.co_e0n2f&utm_source=t.co&utm_content=storify-

pingback&utm_campaign=&utm_medium=sfy.co-twitter , 8 October 2015.

In Solar Panels News:

"Floating Solar Panels: It Sure Floats Our Boat" by UKSEG, LTD. Available online at: http://paper.li/UKSOLARENERGYGR/1312064123?edition_id=76b9eab0-5eb7-11e5-b78d-0cc47a0d164b, 19 September 2015.

In The Exoplanet Daily:

"A Giant Leap for Exoplanet Studies" by Fabian Herrmann. Available online at: http://paper.li/NeilBrainstrong/1316834649?edition_id=6e302c50-5e9f-11e5-b78d-0cc47a0d164b, 19 September 2015.

In In Focus:

"Polaroid's Pocket Sized 'Snap' Camera Provides On-the-go Printing Sans Ink" by Veronica Adams. Available online at: http://paper.li/VapPhotography/1330136058?edition_id=3de36bd0-5c7d-11e5-9579-0cc47a0d1605, 16 September 2015.

In We-Must.Com Daily Green News:

"The World's Lightest Solar Charger is Paper-Thin" by Tanyette Colon. Available online at: http://paper.li/must2010/1296266621?edition_id=de89bba0-5829-11e5-acc7-002590a5ba2d, 10 September 2015.

In Higher Education Weekly:

"What if You Could Buy a College Education a la Carte, Like Buying Dinner?"; "Tuition-free online university sees new found growth and attention;" and, "Millersville University introduces 'Common Hour'" by Atul Sabnis. Available online at: http://paper.li/edsabnis/1313056542?edition_id=e631f1f0-4d30-11e5-a7ad-0cc47a0d164b, 28 August 2015.

In The Futurecratic Vision:

"The top 7 robots and machines from the annals of history" by Susan Bainbridge. Available online at: http://paper.li/Futurecratic/1336993174?edition_id=21ddbe30-4b08-11e5-a5a0-002590a5ba2d, 25 August 2015.

In #Science & #Green News Tweetinator:

"'Car in a Bag' will take you seven and a half miles on three hours of charge" by Edouard Lambelet and Iskander Pols. Available online at: http://paper.li/medablog/1333328497?edition_id=505c79d0-45f5-11e5-8438-0cc47a0d1605, 19 August 2015.

In #Science & #Green News Tweetinator:

"More Millenials Living with Parents Despite Improved Job Market" by Edouard Lambelet and Iskander Pols. Available online at: http://paper.li/medablog/1333328497?edition_id=505c79d0-45f5-11e5-8438-0cc47a0d1605, 19 August 2015.

In Higher Education Weekly:

"How Higher Education is Re-evaluating a Growing Threat" by Atul Sabnis. Available online at: http://paper.li/edsabnis/1313056542?edition_id=94c3ee00-4230-11e5-a273-0cc47a0d164b, 14 August 2015.

In The Saturday Astrophysics:

"Why America's Obsession with STEM Education is Dangerous" by Oliver Dreissigacker. Available online at: http://paper.li/odreissi/the-odreissi-daily-2?edition_id=f7093010-3da9-11e5-9b7a-0cc47a0d1605, 8 August 2015.

In Big Data World:

"The FBI built a database that can catch rapists – almost nobody uses it." by Francesco Collova. Available online at: http://paper.li/neckgoes/1333984489?edition_id=15f3ccb0-3abc-11e5-b376-0cc47a0d164b, 4 August 2015.

In #Science & #Green News Tweetinator:

"Marcellus, Utica provide 85% of U.S. shale gas production growth since start of 2012" by Edouard Lambelet and Iskander Pols. Available online at:

http://paper.li/medablog/1333328497?edition_id=d677ebd0-3574-11e5-96e1-0cc47a0d1605 , 29 July 2015.

In NanoNewsLetter Today:

"Scientists use Magnetic Field to Precisely Control Nanomachines Swimming Through Bloodlike Fluid" by Christian Sanchez Espinel. Available online at:

http://paper.li/cristianespinel/1312046201?edition_id=ddb76fd0-1ef7-11e5-b43a-0cc47a0d164b , 30 June 2015.

In The Aniaclug Daily:

"Rosetta's MIRO Instrument Maps Comet Water" by Gianluca Magalotti. Available online at: http://paper.li/aniaclug/1416842260?edition_id=c9d25060-1980-11e5-a52e-002590a5ba2d, 23 June 2015.

In The Robot Revolution:

"Insect Vision Benefits Bio-Inspired, Autonomous Robot Eyes" by Richard Schellenberg. Available online at: http://paper.li/gutterwall/1321413478?edition_id=cfc99aa0-10b1-11e5-9b9c-0cc47a0d164b, 11 June 2015.

In The Exoplanet Daily:

"Shielded Microbes Could Spread Life Far Beyond Earth" by Fabian Herrmann. Available online at: http://paper.li/NeilBrainstrong/1316834649?edition_id=abd64980-0e78-11e5-b005-0cc47a0d164b, 9 June 2015.

In The Saturday Astrophysics:

"A World of Languages and How Many Speak Them" by Oliver Dreissigacker. Available online at: http://paper.li/odreissi/the-odreissi-daily-2?edition_id=4f8e7730-0c28-11e5-ad01-0cc47a0d1605, 6 June 2015.

In Per Bojsen Daily:

"New Horizons Merchandise" by Per Bojsen. Available online at:

http://paper.li/bojsen?edition_id=b1590660-05b1-11e5-a556-0cc47a0d15fd , 29 May 2015.

In Holography:

"New battery uses holography to expand the surface area of electricity-generating chemical reactions" by Sede Legale (News Update). Available online at:

http://paper.li/PRESSAGENCY8/1310299507?edition_id=ffa58870-039f-11e5-871e-0cc47a0d15fd , 26 May 2015.

In The Daily Ed Notes:

"University's Action over Student who Posted a Swastika on a Bulletin Board sets off International Debate" by Vanessa Crary Vaile. Available online at:

http://paper.li/VCVaile/1398264614?edition_id=16f09f70-eced-11e4-b58b-0cc47a0d15fd, 30 April 2015. In **The Daily Ed Notes**:

"University's Action over Student Who Posted a Swastika on a Bulletin Board Sets Off International Debate" by Vanessa Crary Vaile. Available online at:

http://paper.li/VCVaile/1398264614?edition_id=16f09f70-eced-11e4-b58b-0cc47a0d15fd , 27 April 2015.

In The Nanotechnology Daily:

"Scientists Develop Mesh that Captures Oil But Lets Water Through" by John Merrill. Available online at: http://paper.li/nanoprobiz/1308869282?edition_id=36e60520-e448-11e4-b0cf-002590a5ba2d, 16 April 2015.

In The Solar System Daily:

"When Science is Lost in a Legal Maze" by Caroline Carson. Available online at: http://paper.li/The_SolarSystem/1348935846?edition_id=f19a2f20-d239-11e4-99be-0cc47a0d15fd, 24 March 2015.

In The Humor Daily:

"People In White Coats: Movie Science versus Real Life" by My Blogspot. Available online at: http://paper.li/GoodBlogPosts6/1316176418, 4 March 2015.

In The Fourth Estate [Online]:

"Adjunct Faculty Hold 'Teach In' for Better Treatment" by Reem Nadeem. Available online at: http://gmufourthestate.com/2015/02/27/adjunct-faculty-hold-teach-in-for-better-treatment/, 27 February 2015.

In Home and Garden:

"Hands in Dirt Learning" by Chrystal Porter. Available online at: http://paper.li/crystalkporter/1335166767?edition_id=9216b0b0-b96a-11e4-8c60-0cc47a0d1609, 20 February 2015.

In The Fashion Tech Daily:

"Wearable ensures that you're not shark-bait" by Christen Rochon. Available online at: http://paper.li/DIVASANDDORKS/1302362939, 23 January 2015.

In The Exoplanet Daily:

"Debating the Future of Exoplanet Missions, Concepts and Community" by Fabian Herrmann. Available online at: http://paper.li/NeilBrainstrong/1316834649, 21 January 2015.

In Tony's #Halo News:

"Rare Ice Halo Display in New Mexico" by Tony Ver, Jr. Available online at:

http://paper.li/TonyVerJr/1401823076, 13 January 2015.

In Security Research:

"Hackers Clone Politician's Fingerprint from Simple Photo of Hand" by Wojciech Filipkowski. Available online at: http://paper.li/fwojtek/1330274989, 9 January 2015.

In The Technology Digest:

"New Technology Makes Tissues, Someday Maybe Organs" by Malcolm Powell. Available online at: http://paper.li/mycomputerbkup/1355598657, 5 January 2015.

In The Saturday Astrophysics:

"Plains 5th Graders Get Attention of Famous Astronomer" by Oliver Dreissigacker. Available online at: http://paper.li/odreissi/the-odreissi-daily-2, 3 January 2015.

In Universitas Education:

"Blended Learning is About More Than Technology" by Miguel Angel Escotet. Available online at: http://paper.li/MiguelEscotet/1311737547, 19 December 2014.

In The Exoplanet Daily:

"Some Exoplanets May Get Squashed by Gravity from Stars" by Fabian Herrmann. Available online at: http://paper.li/NeilBrainstrong/1316834649, 16 December 2014.

In The StationSix Daily:

"Reed College considers whether its harassment rules are insufficient" by Joe Neill. Available online at: http://paper.li/stationsix/1345777020, 9 December 2014.

In Higher Education Weekly:

"With Increasing International Enrollments Faculty Grapple with Classrooms" by Atul Sabnis. Available online at: http://paper.li/edsabnis/1313056542, 4 December 2014.

In #Science & #Green News Tweetinator:

"Competency Based Bachelor's from Brandman Could be Glimpse of the Future" by Edouard Lambelet and Iskander Pols. Available online at: http://paper.li/medablog/1333328497, 26 November 2014.

In The Arts and Entertainment Magazine:

"TAEM New Flash – George Mason University in the News" by Joseph J. O'Donnell. Issue 63, 1 November 2014.

In George Mason University News:

"November 2014 Accolades" Available online at: https://newsdesk.gmu.edu/2014/11/november-2014-accolades/ , 3 November 2014.

In #Science & #Green News Tweetinator:

"New Customer Service Robot Just Sounds Like a Really Good Employee" by Edouard Lambelet and Iskander Pols. Available online at: http://paper.li/medablog/1333328497/, 29 October 2014.

In HealthCare Today:

"Big Step in Battling Bladder Disease" by Gaynor Morgan. Available online at: http://paper.li/Incostress/1307534017/ , 17 October 2014.

In #Science & #Green News Tweetinator:

"The Prize in Economic Sciences 2014 – Press Release" by Edouard Lambelet and Iskander Pols. Available online at: http://paper.li/medablog/1333328497/, 14 October 2014.

In #Science & #Green News Tweetinator:

"New Radar Gun Will Detect if Drivers are Texting" by Edouard Lambelet and Iskander Pols. Available online at: http://paper.li/medablog/1333328497/, 29 September 2014.

In Nanoscience News:

"News Story: Maryland NanoCenter" by Black Physicists. Available online at: http://paper.li/BlackPhysicists/1314542854/, 4 September 2014.

In Exoplanet Daily:

"On a Binary Habitability Calculator" by Fabian Herrmann. Available online at:

http://paper.li/NeilBrainstrong/1316834649?edition_id=7421b610-2cfa-11e4-a640-00259071bfed with respect to http://fisica.udea.edu.co/BHMcalc/, 26 August 2014.

In The Arts and Entertainment Magazine:

"TAEM New Flash – Professor Harold A. Geller in the News" by Joseph J. O'Donnell. Issue 58, 1 June 2014.

In Center for Restructuring Education in Science and Technology (CREST) Newsletter:

"Mason Gearing Up to Offer Fourth VISTA Elementary Science Institute," Spring 2014.

In Live & Learn:

"Hats Off!" Volume 16, Number 1, page 22, Spring 2014. Albany, NY: Excelsior College Magazine. In **#Science & #Green News Tweetinator**:

"JPL Small-Body Database Search Engine" by Edouard Lambelet and Iskander Pols. Available online at: http://paper.li/medablog/1333328497/, 24 March 2014.

In Mason News:

"The Ties That Bind: Retired Mason Faculty Launch New Association" by Sudha Kamath and Katherine Haldeman. Available online at: http://newsdesk.gmu.edu/2014/03/ties-bind-retired-mason-faculty-launch-new-association/, March 2014.

In The Arts and Entertainment Magazine:

"TAEM New Flash – Professor Harold A. Geller in the News" by Joseph J. O'Donnell. Issue 50, 15 October 2013.

In The Arts and Entertainment Magazine:

"Hawking vs. Geller – Impact of Aliens Visiting Earth" by Joseph J. O'Donnell. Issue 48, 15 August 2013.

In The Arts and Entertainment Magazine:

"TAEM News Flash – Dr. Harold Geller has Written a New Book" by Joseph J. O'Donnell. Issue 44, 15 January 2013.

In The Arts and Entertainment Magazine:

"TAEM Interview with Harold A. Geller of George Mason University" by Joseph J. O'Donnell. Issue 43, 15 December 2012.

In CREST Newsletter:

"Mason Scientists Play Key Role In Elementary Science Institute" by Jill Williams. Volume 8, Issue 2, p.4, Fall 2012.

In Broadside:

"End of the World Series: Asteroid Attack" by Bryan Dombrowski. Volume 89, Issue 11, p. 10. 3 December 2012.

In The Arts and Entertainment Magazine:

"TAEM Visits NOVAC and George Mason University" by Joseph J. O'Donnell. Issue 42, 1 December 2012.

In Broadside:

"One if by Land, Two if by Sea, Three if by Flying Saucer" by Bryan Dombrowski. Volume 89, Issue 6, p. 14. 12 October 2012.

In George Mason University News:

"SKYMONITOR Project Brings Dark Sky Issues to Light" by Tara Laskowski. Available online at http://newsdesk.gmu.edu/2012/04/skymonitor-project-brings-dark-sky-issues-to-light/, posted 19 April 2012, revised 26 April 2012.

In Periodic Elements:

"New Scope Provides 4,500 Pounds of Education" by Sharon Ritchey, Volume 7, Spring 2012, p. 1. In **Washington Post**:

"20 years later, telescope arrives" by Holly Hobbs, Thursday 1 March 2012, Local Living, p. 16. In **Fairfax County Times**:

"The Stars Finally Align for Mason Professor" by Holly Hobbs, Friday 24 February 2012, 1A [Front Page].

On SchoolBook [a WNYC production]:

"Remembering Mr. Geller" by Chelsea Rose Marcius. Available online at: http://www.schoolbook.org/2011/11/10/remembering-mr-geller/

In Mason Spirit:

"Harold and the Silver Telescope" by Lisa Gerry, 24 October 2011.

In USA Today:

"Probing Odds of Alien Visitors" by Judy Keen. 24 November 2010, 3A.

In Washington Post:

"Arlington's Brown Planetarium Targeted in Budget Cuts" by Christy Goodman. 17 March 2010.

Available at http://www.washingtonpost.com/wp-dyn/content/article/2010/03/16/AR2010031603842.html On **News Channel 8**:

"New Telescope at George Mason Largest On-Campus One in the Region" by Kathy Park. Available online at: http://www.tbd.com/articles/2011/05/new-telescope-at-george-mason-largest-on-campus-one-in-the-region-60910.html

On WTOP News Radio:

"George Mason University to Install Huge Telescope" by Hank Silverberg. Available online at: http://www.wtop.com/?sid=2385317&nid=884

In Extraterrestrial Life:

"Are Extraterrestrials a Threat to Humankind" by Tony Allman. Available online at http://books.google.com/books?id=Tl9b6-

f2dfEC&pg=PT69&lpg=PT69&dq=stephen+hawking+harold+geller&source=bl&ots=5OevgwmFap&sig= Oyhhb3ZjXDPt_d9-

UzlezTMoRPc&hl=en&sa=X&ei=saoSUd2bJcHe0QGAqIH4Cw&ved=0CEMQ6AEwBA

In The Skeptic:

"Extraterrestrial Aliens: Friends, Foes or Just Curious" by George Michael. Available online at http://www.skeptic.com/eskeptic/11-09-14/

In Huffington Post:

"How Did Extraterrestrials Survive Their Nuclear Age?" by Russ Wellen. Available online at http://www.huffingtonpost.com/russ-wellen/how-did-extraterrestrials_b_587614.html

In The Examiner:

"Paul Hellyer vs. Stephen Hawking: Will contact with ETs lead to Space weaponization and space war?" by Alfred Lambremont Webre. Available online at http://www.examiner.com/article/paul-hellyer-vs-stephen-hawking-will-contact-with-ets-lead-to-space-weaponization-and-space-war

In ExtremeSkins:

"Don't Talk to Aliens Warns Stephen Hawking" by Corcaigh. Available online at http://www.extremeskins.com/showthread.php?322603-TO-Don%92t-talk-to-aliens-warns-Stephen-Hawking/page4

In Newshoggers:

"How Did Extraterrestrials Survive Their Nuclear Age?" by Russ Wellen. Available online at http://www.newshoggers.com/blog/2010/05/how-did-extraterrestrials-survive-their-nuclear-age.html

In GamePro:

"The Real Science of Star Wars: The Old Republic" by Andrew Groen. June 2011, pp. 58-61.

In GamePro:

"The Real Science of Dead Space 2" by Andrew Groen. October 2010, pp. 62-65.

In GamePro:

"The Real Science of Mass Effect 2" by Andrew Groen. May 2010, pp. 32-37.