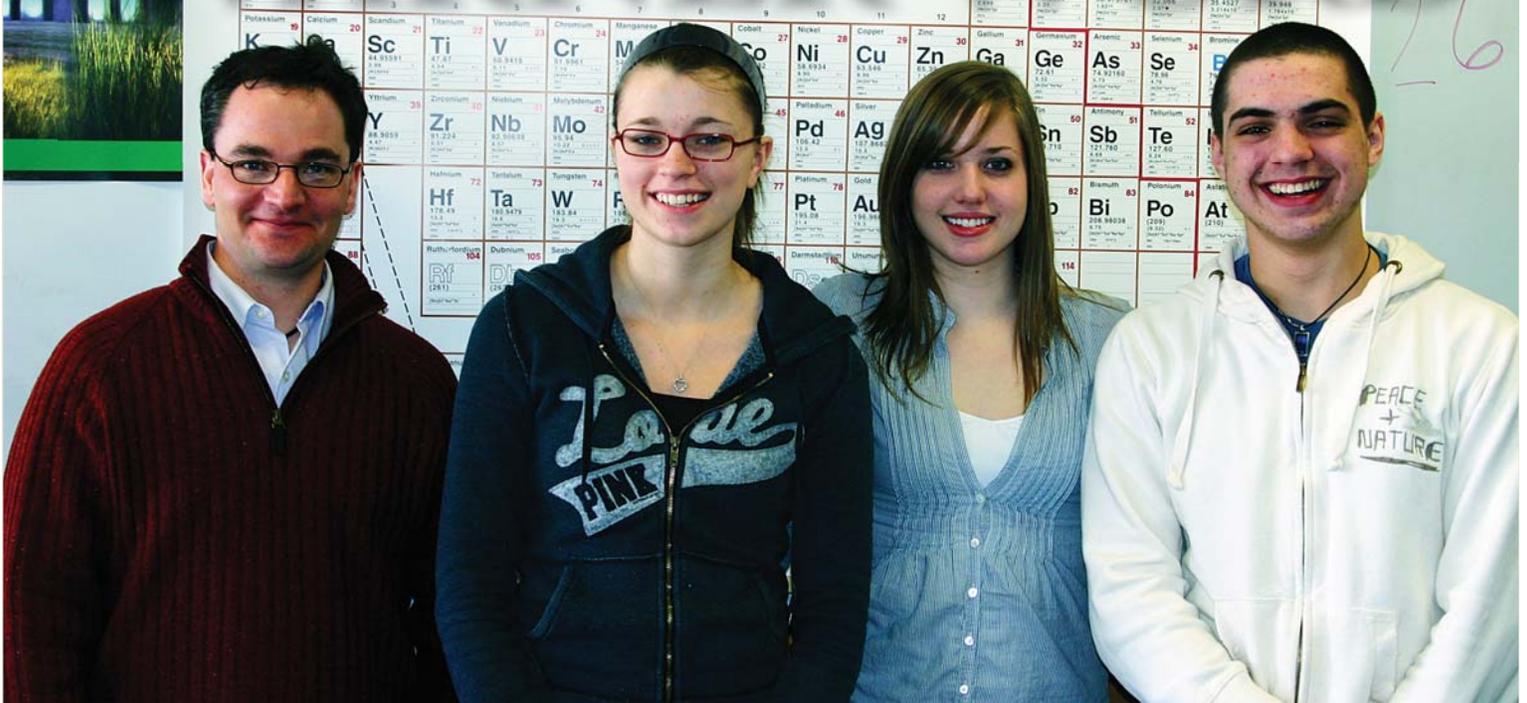


WARNER WORD



Warner Graduate Takes Rush-Henrietta Students to CERN in Switzerland to Unravel Secrets of the Universe

A team from Rush-Henrietta Senior High School was one of six teams selected nationally to participate in one of the "most exciting physics experiments of the decade." High school physics teacher Jeffrey Paradis, who earned his Master of Science degree in physics education in 2004 from the Warner School, took three of his physics students to Geneva, Switzerland from April 2 to 7 for the Large Hadron Collider (LHC) Awareness event.

Funded by the U.S. Department of Energy, Paradis and his Rush-Henrietta students—Meghan Dorn, Nick Dubois, and LeighAnn Larkin—participated in an exclusive, all-expenses-paid trip to the LHC, the world's largest particle physics laboratory, at the European Organization for Nuclear Research, also known as CERN.

During their journey, Paradis and his students had the once-in-a-lifetime opportunity to study the LHC, an underground particle accelerator ring 17 miles in circumference, as well as two particle-detector experiments, known as ATLAS and CMS. The LHC, a product of 15 years of work, will be used by physicists to crack the code of physics and determine what our universe is made of. Once the LHC is running, particles taken from atoms will fly both ways around the loop near the speed of light. They will collide at different points around the LHC with enormous energy, creating a spray of new particles, perhaps some that have not been seen before now.

The week the students spent in Geneva was the last opportunity for the public to access the accelerator facilities before

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Calendar

04/21/08
Rochester Area Film Premiere of *Including Samuel*

04/25/08
RSRB Training

05/07/08
The Rochester City School District: A Framework for Reform with Jean-Claude Brizard

05/08/08
Warner School Orientation Session

05/17/08
Warner Commencement Ceremony

Visit www.rochester.edu/warner for event details.



News Around Warner...



Warner School Merchandise Now Available

New Warner School Merchandise is now available. Choose from long-sleeve t-shirts, front-zip fleece jackets, and coffee cups with coffee. Quantities are limited. Get yours soon to ensure your size is available.

To purchase items, please contact Phillip White in the External Relations and Communications office at 276-3986 or by e-mail at pwhite@warner.rochester.edu, or visit Dewey Hall 2-147. Cash and checks are requested for purchase. Please make checks payable to the *University of Rochester*.

Busy Semester for Warner Doctoral Student

Jason Blokhuis, an educational thought and policy Ph.D. candidate, has had a busy semester. He was re-appointed to serve as a student representative on the Executive Board of the New York State Association of Teacher Educators (NYSATE).

Blokhuis served as a delegate for the New York division at the annual national meeting of the Association of Teacher Educators (ATE) held in New Orleans from February 24 to 27. The theme for this year's conference was "Multiple Realities in Teacher Education: Exemplars that Address Dilemmas, Conundrums, and Processes."

A manuscript by Blokhuis entitled, "In Praise of *Parens Patriae*" has been accepted as a primary session paper at the Annual Meeting of the Philosophy of Education Society in Cambridge, Massachusetts from April 11 to 14. The same paper will appear in *Philosophy of Education 2008* (R. Glass, ed.).

Another paper by Blokhuis entitled, "Channel One: When Private Interests and the Public Interest Collide" will appear in the *American Educational Research Journal*, vol. 45, no. 3.

Blokhuis has written an extended book review essay of *Faith in Schools? Autonomy, Citizenship and Religious Education in the Liberal State* by Ian MacMullen (Princeton University Press, 2007) that has been accepted for publication in a forthcoming edition of *Theory and Research in Education*.

He also has written a book review of *On Education* by Harry Brighouse (Routledge, 2006), which will appear in *Excelsior: Leadership in Teaching and Learning*, vol. 2, no. 2.

Schademan Accepts Position at CSU

Al Schademan, visiting assistant professor in teaching and curriculum, has accepted the position as assistant professor of secondary pedagogy specializing in science at California State University (CSU) at Chico. Schademan, has completed his coursework for his Ph.D. in teaching and curriculum, and will defend his dissertation entitled, "Playing Spades: The Rich Resources of African American Young Men," in July. He will start his new position August 20.

Guiffrida Appointed Associate Editor for JCD

Doug Guiffrida was recently appointed associate editor for best practices for the *Journal of Counseling and Development (JCD)*, the flagship journal of the American Counseling Association. Guiffrida also published an article, "Preparing Rural Students for Large Colleges and Universities," which appeared in the *Journal of School Counseling*, issue 6 no. 14.

T&C Student Presents at Conference

Maryam Razvi Padela, a doctoral student in teaching and curriculum, presented her research on March 31 at the Wisconsin Council for the Social Studies and International Education Conference in Madison, Wisconsin. Padela's presentation was titled "Testing the Waters of a Politically Charged Curriculum: Examining the Effects of Social Studies Textbooks on Teachers and Muslim Students."

Marquis Publishes in *Constructivism in the Human Sciences*

Andre Marquis, an assistant professor in counseling and human development, had an article published in the *Constructivism in the Human Sciences*. Marquis' article, "Michael J. Mahoney: A Constructive Heart and the Heart of Constructivism," is part of a special *en memoriam* issue devoted to the lifework of Michael Mahoney, who was one of the leading figures in the field of psychotherapy and counseling. Because Mahoney's intellectual, theoretical, and empirical work is widely available through his 19 books and 250 plus articles, this article is more of a personal account of the teacher, mentor, colleague, and friend that Marquis knew. In addition to his philosophy of teaching, his views on the personal and professional lives of therapists are discussed, as well as examples of him as a teacher, mentor, and colleague.

The *Warner Word* is the newsletter of the Warner School of Education, and is published monthly during the academic year by the Office of Communications and External Relations. E-mail news@warner.rochester.edu or call (585) 276-3986 to submit news items.



Rochester Area Film Premiere of Inclusion Documentary, *Including Samuel*, Shares Parental View of Mainstreaming

The University of Rochester and the Golisano Foundation will host Dan Habib, an award-winning filmmaker and photojournalist, for a Rochester Area Film Premiere of *Including Samuel* at 7 p.m. on Monday, April 21, at the Dryden Theatre at George Eastman House.

The Rochester movie premiere of *Including Samuel* will be followed by a discussion with the filmmaker. During his presentation, Habib will share his observations over the years as he documented his family's efforts to include Samuel in every facet of their lives. He also will share how he and his wife learned more about being effective advocates for Samuel and how they learned to see Samuel's disability as an intrinsic part of who he is. Through his 58-minute documentary, Habib hopes to inspire the public, especially anyone connected to education, to talk about inclusion in a more informed and innovative way.

Including Samuel examines the educational and social inclusion of youth with disabilities and shares the benefits and challenges of combining those with disabilities with mainstream children in classrooms and activities. The film is built on the efforts of Habib and his family to include their son Samuel, 8, who has cerebral palsy, in every aspect of family, community, and school life. *Including Samuel* also chronicles the lives of four other people with disabilities—autism, schizophrenia and cerebral palsy—and features interviews with parents, teachers, principals, public education officials, and disability rights experts.

Habib, who has a particular interest in issues related to children and education, is Filmmaker-in-Residence at the Institute on Disability at the University of New Hampshire (UNH). Prior to joining UNH in April of 2008, Habib was the photography editor of the *Concord Monitor* since 1995. In 2006 and 2008, he was named the national Photography Editor of the Year for papers under 100,000 circulation. He was a staff photographer with the *Monitor* from 1988-1992.

The event is sponsored by the Golisano Foundation and the University of Rochester's Warner School of Education, Disabilities Cluster, and Strong Center for Developmental Disabilities. As part of a continued effort to help youth with developmental disabilities transition to a meaningful adult life, the Warner School, the Strong Center for Developmental Disabilities, and the Golisano Foundation have developed a unique partnership to look at ways to improve the transition process from high school to the adult world in which students with disabilities can reach their own hopes and dreams and become full members of their community.

The event is free and open to the public. The film is open captioned, and a sign language interpreter will be provided for the discussion. Reservations are required. For more information about the event or to reserve a spot, please contact the Warner School at (585) 276-3986 or e-mail events@warner.rochester.edu. To learn more about *Including Samuel*, please visit www.includingsamuel.com.

New Master's Specialization Offered for Teaching in Health Care Professions

The University of Rochester offers a new specialization within the current Master of Science in Teaching and Curriculum program for doctors, nurses and other health care professionals who want to teach or who want to expand their educational skills.

The degree program is designed for faculty in a school of medicine, dentistry or nursing, health professionals (such as registered nurses, physicians, pharmacists or physical therapists) who teach or train new members of their field, and practitioners who teach patients or clients health promotion.

The program was developed through a unique collaboration of the Warner School of Education, the School of Nursing, and the School of Medicine and Dentistry. Faculty from each of the three schools will teach courses offered in the master's program.

The University is the first in the area to offer a comprehensive master's degree program in health professions education. The University of Toronto and the University of Pittsburgh are the closest institutions with similar programs.

Requirements of the degree, which can be earned in one year of full-time study, include 30 credit hours and a master's essay. Two core courses, specifically created for the new degree, address health care education issues and teaching methods. With only five required courses, the program allows a wide choice of electives and independent study.

The new core courses also will be open to a limited number of non-matriculated students. For more information, contact the Warner School admissions office at (585) 275-3950 or admissions@warner.rochester.edu.

Warner Grad Takes Students to CERN



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the LHC is brought into operation. "Taking my students to CERN was something that I would never have dreamed of," said Paradis. "Having them participate in this moment of history, literally a few weeks before they flip the switch to the particle collider, was the most rewarding part of this experience for me personally."

During their trip, Paradis' students participated in a student journalism program, reporting on the ground at CERN to educate everyone back in the United States about the LHC. As student journalists, they shared their adventures and discoveries via the district Web site, blogs, videos, printed articles, podcasts, and the Monroe #1 Board of Cooperative Education Services [BOCES] Wiki. In the months ahead, they will report their findings at several community presentations, which will take place at their school district, at the University of Rochester during its "Particle Day" in mid-May, and at the Rochester Museum and Science Center.

"Not only has this experience been life-changing for Jeff and his students with respect to developing their identities and interests in science, but many other high school physics students also have benefited from having the rare opportunity to experience this landmark event and this

amazing technology (virtually) through the eyes and interpretation of fellow high school students and their teacher," said April Luehmann, assistant professor and director of the science teacher preparation program at the Warner School. "Having given Jeff and his students this opportunity offered them an amazing chance to nurture a potentially universal community of high school learners where all participants have benefited from their contributions."

This learning opportunity also has ignited a unique partnership between Rush-Henrietta art and science students as they collaborated to find ways to visually represent the science involved to a more universal audience. "Most people do not understand the concepts that are involved with particle physics on a higher level because they do not have the basis to fully grasp it," explained Meghan Dorn, a senior at Rush-Henrietta Senior High School participating in the CERN Student Journalists program. "We used art to make the concepts more simple so that people could say 'oh I get it now,' instead of trying to explain it on more of a physical level."

Proposals for this opportunity abroad were made at the invitation of QuarkNet, a collection of universities working

with high school teachers to promote understanding and interest in particle physics. Paradis participates in QuarkNet through the PARTICLE Program at the University of Rochester, one of 50 regional QuarkNet sites, and continues to advance his own learning, integrating components into his physics course and sharing his understanding and experiences with all Rush-Henrietta students who have demonstrated an interest in Physics.

"Jeff's commitment to giving his students authentic and engaging encounters with physics concepts is not only exceptional, but also inspiring to so many of his colleagues and peers," added Luehmann. "His passion for understanding and exploring physics is contagious in his classroom; his students can not help but respond with matching intrigue and energy. Certainly, QuarkNet could not have selected participants who would get more out of the experience than Jeff and his students have, and it is without doubt that the rest of us have benefited greatly from their reports and interpretations of this landmark event."

QuarkNet was enlisted to recruit and select student and teacher teams to go to CERN as science journalists. Rush-Henrietta was one of only six teams selected to participate from more than 60 applications from schools across the nation. Teams were selected based on their demonstrated background in physics/science, video/artistic skills, ability to conduct interviews, and strong district-level support.

While in Switzerland, students posted podcasts and/or video selections to the district's Web site on its home page, the Senior High School page, and the teacher's classroom page at www.rhnet.org/webpages/JParadis. For more information and updates from the Rush-Henrietta team, please visit www.rhnet.org/CERN.