Welcome back! I hope you had a peaceful Winter Break.

The 2013 Learning and Research Fair is scheduled for Wednesday April 17, 2013 from 10:00 am until 2:00 pm in the Barrington Student Union. The Fair is a great way for faculty, staff and students to share their scholarly and creative accomplishments with colleagues and to discuss possible future collaborations. If you have not signed up to do a presentation at the Fair, make a point to attend the Fair. I think you will be favorably impressed by the scholarly activities on display at the annual Learning and Research Fair.

For those of you interested in identifying external grant opportunities, Catherine Sajna (Pre-award Specialist/Grant writer) will be doing a workshop on March 6 in the L-TEC focused on using Community of Science to find external grant opportunities. She will also be leading a workshop on the essential elements of good grant writing on April 24. This workshop will also be held in the L-TEC. Keep your eyes peeled for further details on both workshops. Until then, Catherine has prepared a brief summary of the grant search databases available on the Research and Sponsored Programs webpage. Take a few minutes to read her summary, and contact Catherine if you have any questions or need further information.

Finally, the Spring deadline for the Research and Creative Endeavors Program is April 3, 2013. If you are working on a scholarly project and need some seed money to support some aspect of the project, you may want to consider preparing an application to the program. Let me know if you have any questions about how to prepare an application.

Have a great semester! Hope to see you around campus!

Dr. Nancy Dodge-Reyome, Ph.D.

From the Director—Nancy Dodge-Reyome, Ph.D.
Recent Award Activity

Anthony Betrus was awarded $83,595 from the National Education Foundation for the Cyberlearning STEM+ Academy Management project for 2012-2013.

J. Patrick Turbett was awarded $45,068 from the Office of the State Superintendent of Education in Washington for 2012-2013.

Tracy Wanamaker was awarded $700 from the Autism Alliance of Northern NY for drum equipment.

Diana Fisher has been awarded $16,000 from the NYS Education Department for “Teacher Opportunity Corps (TOC)” and $279,330 from the US Department of Education for the “Student Support Services Program” for 2012-2013.

Sean Partridge has been awarded $216,465 from the NYS Education Department for “Collegiate Science and Technology Program” for 2012-2013.

Mary Stickney has been awarded $262,784 from the NYS Education Department for “North Country Science and Technology Program” for 2012-2013.

Megan Foster has been awarded $847,170 from the NYS Education Department for the “North Country Migrant Education Program” for 2012-2013.

Julie Reagan has been awarded $119,196 from the NYS Education Department for the “Teacher/Leader Quality Partnership Program” for 2012-2013.

Dr. Gerald Ratliff has been awarded $347,315 from the US Department of Education for the final year of the “Expansion of Undergraduate Research to Strengthen Student Confidence and Retention (Title III) for 2012-2013.

Recent Internal Award Activity

Research and Creative Endeavors Program 2012-2013

SUNY-Potsdam Office of Research and Sponsored Programs awarded $1000 to each of the following in October 2012.

Dr. Dennis Conrad, Special Education, for "Rap and Rapso as Social Justice Pedagogy: Oral Histories of Teacher-Poets"

Dr. Christopher Kelson, Geology, for "Rhenium-Osmium Age Determination of Sulfide Minerals"

Dr. Morgan Perkins, Anthropology/Art, for “Painting on Location: Lin Haizhong and Contemporary Chinese Ink Painting"
Recent New Proposal Submissions

July 24, 2012
To: National Science Foundation
From: Fadi Bou-Abdallah
Title: CAREER: Heteropolymer Ferritins Structure-Function Studies: A Research and Education Program
Amount Requested: $495,812 (over 5 years)
Pre-Award Contact: Kathy Chapman

October 1, 2012
To: Autism Alliance of Northeastern NY
From: Tracy Wannamaker
Title: Drum Circle for Teenagers and Adults with Special Needs and Friends
Amount Requested: $997
Pre-Award Contact: Nancy Dodge Reyome

September 1, 2012
To: National Education Foundation
From: Anthony Betrus
Title: Cyberlearning STEM+ Academy Management
Amount Requested: $83,595
Pre-Award Contact: Kathy Chapman

October 31, 2012
To: National Science Foundation
From: Clifford Rossiter
Title: RUI: Design and Synthesis of Zn(II) Selective Chelators to Investigate Zn (II) Homeostasis in Cells
Amount Requested: $236,925 (over 3 years)
Pre-Award Contact: Catherine Sajna

September 9, 2012
To: Educational Advancement Foundation
From: Victoria Klawitter
Title: AIBL Small Grant Application
Amount Requested: $4,504
Pre-Award Contact: Nancy Dodge Reyome

December 6, 2012
To: National Science Foundation
From: Christopher Lanz
Title: Collaborative Research: SUNY STEM Replication Project
Amount Requested: $396,949 (over 5 years)
Pre-Award Contact: Kathy Chapman

Proposal Submissions for Ongoing Grants

June 20, 2012
To: NYS Department of Social Services
From: Chip Morris
Title: LDST-02 2013
Amount Requested: $93,500
Pre-Award Contact: Kathy Chapman

September 11, 2012
To: National Science Foundation
From: Joel Foisy
Title: Mathematics Research Experiences for Undergraduates
Amount Requested: $314,604 (over 4 years)
Pre-Award Contact: Kathy Chapman

Workshops on Grant Getting

WORKSHOP I on Searching for Grant Opportunities in the Community of Science database

Date: Wed, Mar 6, 2013
Time: 12:00-1:00
Place: LTEC in Crumb Library
Facilitator: Catherine Sajna

This database is relatively new to SUNY-Potsdam. Although the database has “Science” in the title, it is a full service grant funding database not limited to science funding.

Begin to design a search strategy tailored to your research interests.

WORKSHOP II on Successful Proposal Writing

Date: Wed, Apr. 24, 2013
Time: 2:30—3:30
Place: LTEC in Crumb Library
Facilitator: Catherine Sajna

In this workshop, facilitator Catherine Sajna (Pre-award Specialist/Grant writer) will explain how you need to write for different types of reviewers in the same proposal, and Dr Bill Romey (Biology) will discuss his experience as (proposal) reviewer for the NSF and as a successful NSF recipient. You may bring your own requests for proposals/grant announcements or actual proposals for some review.
Who’s Who in Scholarship

In this section, we feature a faculty member who is recently grant active. We would like to commend Dr. Betrus for his research and scholarly activity.

Featuring Dr. Anthony Betrus, Information and Communication Technology

Educational Technology Specialist program partners with the National Education Foundation

In October 2012, SUNY Potsdam’s Educational Technology Specialist program formalized a partnership with the National Education Foundation (NEF) located in Alexandria, Virginia. Dr. Anthony Betrus is currently serving as the national director of STEM+ CyberLearning academies (Science, Technology, Engineering, Math, English, Social Studies, SAT/SAT, IT, Business and Management), with Mr. Steven Canning serving as the assistant director, and Mr. Sean McGloon serving as a graduate assistant. A national leader in online learning, the NEF is a nonprofit organization with existing partnerships with online content providers MindLeaders and Pearson Digital. Dr. Appu Kuttan, NEF Founder and director, guides the NEF in its mission to bring high quality education to underprivileged elementary and high school students across the country.

Dr. Betrus’s primary role is to assist in establishing and maintaining “CyberLearning Academies,” including the selection of a local “Academy Directory” chosen from a school or district. Funding for the academy is facilitated by the NEFs hands-on assistance in procuring zero interest federal bonds through the QZAB (Qualified Zone Academy Bonds) program. The QZAB program, which has a primary purpose of building and energy improvement, carries with it a ten percent academic matching requirement. The STEM+ CyberLearning Academies serve as this ten percent match, and in most cases the energy savings from the capital improvements to the school buildings fully covers the cost of the academies. When the QZAB funding expires, schools have the option of continuing the academy through the “Adopt a School” program, which involves partnership with a nearby business or organization.

In regards to specific academic services, academy schools gain access to SuccessMaker (K-8) and NovaNet (9-12), products of Pearson Digital. Dr. Betrus and Mr. Canning visited the headquarters of Pearson Digital in Phoenix in August (a cool 114 degrees in the daytime!), for initial training and to coordinate with their staff. Both SuccessMaker and NovaNet are individualized software tools, which adapt to the individual academic level of the student. They can be used either as part of regular classroom instruction, or as supplemental instruction. Along with the Pearson courses for the school children, the entire NEF University catalog is open for parents and teachers for professional development. In some districts, the schools have even used the high school level courses as credit replacement to help students attain their high school diploma. Along with the instruction, incentive systems are developed individually with each school. An overview of the academies, along with descriptions of the courseware and incentives, can be viewed at: https://sites.google.com/site/nefcyberlearningstemacademies/.

Also built into the NEF Partnership is the development and delivery of digital literacy training. Mr. Marshall Hughes, a recent graduate from the Educational Technology Specialist program, is currently working for the NEF to bring Digital Literacy training to the population of the Virgin Islands. He is also heading a team of current and former program students in developing an updated Digital Literacy Training program for delivery in the first quarter 2013. Recent graduate Claire Macia has agreed to be the “new voice of digital literacy” in the updated course materials. A parallel effort to deliver digital literacy training to Akwesasne Mohawk reservation is also taking place. This facet of the relationship has allowed teaching opportunities for current Educational Technology Specialist graduate students, with two current students recently contracted to deliver digital literacy training courses at the Akwesasne Boys and Girls club, starting in February 2013.

Thus far the relationship has proven to be a Win-Win-Win for everybody involved, and it looks like this may be the beginning of a beautiful friendship.

Pictured Here: Justin Cree (Akwesasne), Steven Canning (Ed Tech Specialist recent grad), Jason Hall (Akwesasne), Claire Macia (Ed Tech Specialist recent grad), Crystal Rivera & Richard Cerminara (current Ed Tech Specialist students), Anthony Betrus (featured researcher), Sean McGloon (current Ed Tech Specialist student and graduate assistant for the Academy program)
To Pique Your Interest in Funding Opps

Below are some funding opportunities which may pique your interest. Besides the grants meant to support your specific research projects, there are grants meant to steer work into an area the funding agency has decided is important. These may be areas you’ve never thought of but which would be fun to get involved in.

Many federal grants are designed to encourage collaboration, data-based decision-making or new methodologies, and outreach to the community.

How to read the info below:

- The entries give a brief summary of the topic and the granting agency.
- If the ‘topic’ is in capital letters and bolded, it is the actual title of the grant Program.
- If some due dates are past, consider applying for next year. Many grant opportunities are repeated each year.
- Within disciplines, entries are not in any particular order.

Funding in Fine and Performing Arts

Month-long room, board and studio space in Austerlitz, NY for visual artists, composers, and writers.

Pays consultant fees for those developing an Arts in Healthcare program or work of art.

‘Support is available for ongoing programming and related activities involving performing, visual and/or literary arts. These activities must be professionally directed and take place in, or tour, communities of color or communities of a specific ethnic character’. Sponsor: New York State Council of the Arts. Program: Presenting or Project Support. [http://www.nysca.org/public/guidelines](http://www.nysca.org/public/guidelines) Due: June 20.


Funding in Health

Project or research to promote community dental, medical or mental health with an emphasis on the role of dental hygienists.

‘Supports communities to implement policy or system changes to address one of the social or economic factors that most strongly influence health outcomes in their community’. Promotes collaboration with other local health organizations.
Funding in Education

Book grants of 500 – 100,000 books to be used in ways to promote literacy are available. Sponsor: Scholastic. Program: Book Grants http://www.scholastic.com/aboutscholastic/communitybookgrants.htm Due: Continuous.


Business and International Education Program is interested in funding many different options for developing both international business courses at the home institution, and sending students abroad for experience in business and/or language study. Program: Above. Sponsor: ED. http://www2.ed.gov/programs/iegpsbie/index.html Due: Mar. 2.

Environmental Education Regional Grants offer a variety of support for students, faculty, courses or research in any of a variety of activities which are of interest to the EPA. Program: Above. Sponsor: EPA. http://www.epa.gov/education/pdf/solNotice2012.htm Due: Dec. 12.

Funding in Humanities


For historians, the most common grants seem to be offered by particular libraries to facilitate use of their collections. The Newberry Library in Chicago and the Huntington Library in San Marino, California offer many grants.

Our Shared Past grants “will promote the development of international scholarly communities committed to analyzing history curriculum and reframing the teaching of world history through the identification of new scholarship and the development of new curricular content that illustrate shared cultural, economic, military, religious, social, and scientific networks and practices as well as shared global norms and values that inform world history and society.” Funds are available to projects that will develop robust networks of faculty who possess the expertise to study existing world history curriculum (K-14, i.e., at pre-collegiate and collegiate levels) in a specific national or regional setting and who are positioned to propose alternative curriculum design based on that scholarship.” Program: Above. Sponsor: Social Science Research Council. http://www.ssrc.org/fellowships/our-shared-past/ Due: May 31.
Funding in Math and Sciences

**Grants for Women and Mathematics Projects** for university/college faculty to recruit women into math. Projects can include a summer mini-conference or a Math Day for high school students and/or guidance counselors, a club or mentoring program for college students, etc. Program: Above. Sponsor: Mathematical Association of America. [http://www.maa.org/wam/tensor.html](http://www.maa.org/wam/tensor.html) Due: Feb 12.


STEM initiatives in educational organizations such as fairs or enrichment classes and school labs. Program: **Collaborative Educational Initiatives**. Sponsor: Gelfand Family Charitable Trust. [http://www.gfct.us/index.php?option=com_content&view=article&id=54&Itemid=60](http://www.gfct.us/index.php?option=com_content&view=article&id=54&Itemid=60) Due: Continuous.

Funding in the Social Sciences


Funding in Other Areas

Compliance is an extremely important issue in the grant funding universe. It may seem like a lot of paperwork and busy-work, but that is the price of ‘free’ grant money. There is a steep learning curve, but professional staff in the Research and Sponsored Programs Office will take you through the hoops. There are a few hoops before you submit a proposal, such as the disclosure requirement explained below and the IRB and training requirements in the next few pages. However, most hoops have to do with managing the money after you get an award. Kathy Chapman and Michelle Moulton, post-award specialists, can help you set up the accounting system, and then deal with all of the exceptions and et ceteras that come up.

**Conflict of Interest Disclosure Requirements**

In accordance with Federal regulations, SUNY Potsdam requires that a researcher disclose to the Research and Sponsored Programs Office any potential conflict of interest due to a significant financial interest in a sponsored activity BEFORE a proposal for that activity may be submitted to a sponsoring agency.

A potential conflict of interest exists when the personal or private interests of an individual, their spouse or child might lead an independent observer to reasonably question whether the individual’s professional actions or decisions are influenced by considerations of significant personal interest, financial or otherwise, particularly if those interests or commitments are not disclosed.

In order to provide assurance that any potential conflict is disclosed, all investigators must read the *Conflict of Interest Policy* and then complete and submit the *Annual Disclosure of Financial Interests and Obligations Statement* no later than:

- Submission of an application to an external sponsor
- Acceptance of an award where there was no prior disclosure submitted for that work.
- on or before October 1 for on-going awards.

The policy and forms can be found on the Research and Sponsored Programs website at [http://www.potsdam.edu/faculty/research/rspo/conflict/index.cfm](http://www.potsdam.edu/faculty/research/rspo/conflict/index.cfm)
Training in Responsible Conduct of Research (RCR)

RCR Requirements
Because of new regulations in federal agencies, all National Science Foundation (NSF) and National Institutes of Health (NIH) proposal submissions must include an institutional assurance that the University has provided training in Responsible Conduct in Research (RCR) to all researchers, including student researchers, who participate in NSF or NIH funded research. Effective January 4, 2010, the College requires all researchers involved in applications to NSF or NIH to have completed our training program, described below, before proposals may be submitted to those agencies. The NSF and NIH requirement applies to renewal applications as well as to new proposals.

Training Program
The State University of New York at Potsdam will require that all researchers receiving NSF or NIH funding complete training through the Collaborative Institutional Training Initiative (CITI) online training program to meet the RCR requirements. The CITI online courses are designed for faculty, staff, graduate students, and undergraduate students who have an interest or focus in the research areas targeted by federal support and serve to satisfy federal regulations that require RCR training as a part of grant and contract terms and conditions. The modules contain information about responsible conduct in research, case studies, and quizzes related to each of the areas.

CITI Website
Faculty and staff who receive federal funding to conduct research or to supervise student researchers are responsible for ensuring all work is done in compliance with University, Federal and other applicable policies. The Office of Research and Sponsored Programs has been charged with overseeing compliance with RCR training requirements and will assist researchers in identifying and completing appropriate RCR training, instructions, and guidance. New users of the CITI Program must register to create their own username and password and gain access to the site by selecting “New Users Register Here” and selecting SUNY-College at Potsdam in the “Participating Institutions” drop-down box.

http://www.citiprogram.org

CITI Core Training Modules
Nine core areas recommended by NSF and NIH are covered by the CITI training modules:
- Acquisition, management, sharing, and ownership of data
- Publication practices and responsible authorship
- Conflict of interest and commitment
- Research misconduct
- Peer review
- Mentor/trainee responsibilities
- Collaborative science
- Human subjects protections
- Animal welfare

Please note that these RCR modules are not substitute training courses for individuals who conduct research utilizing human participants or animals. If you plan to conduct research utilizing human participants or animals, you must also complete the required basic training courses in those areas. In addition, all human subjects’ research projects must be reviewed by the Institutional Review Boards (IRB) and all animal research projects must be reviewed by the Institutional Animal Care and Use Committee (IACUC). Further information about meeting requirements to conduct human and animal subject research can be found in this newsletter and on the Research and Sponsored Programs website.

CITI Discipline Specific Modules
There are five discipline specific online RCR courses available on the CITI program through SUNY Potsdam. Individuals are required to complete only the most relevant discipline specific course.
- Social and Behavioral Responsible Conduct of Research Course
- Physical Science Responsible Conduct Research Course
- Arts/Humanities Responsible Conduct of Research Course
- Administrators Responsible Conduct of Research Course:
- Animal Researchers Responsible Conduct of Research Course

Completion Monitoring and Records
The Office of Research and Sponsored Programs will monitor records for completion of the required online RCR training components. Failure to comply with these requirements could make both individual researchers and the College ineligible to receive funds from either of these funding agencies.

Questions regarding the training program can be directed to Kathy LaMay in RSPO at lamaykm@potsdam.edu or x3121

Thank you for your cooperation in assuring that the College meets its compliance obligations with federal agencies.
Human Subjects (IRB)
Quick Reference regarding research involving human subjects

It is the responsibility of each investigator (faculty, staff, student, and affiliate researcher) to bring ALL proposed research activity involving the use of human subjects or activity involving data collection from, or related to, human subjects to the attention of State University of New York at Potsdam Institutional Review Board (IRB) for review and approval.

- This includes historical, education, and business related research, survey and interview procedures, as well as research involving clinical and experimental techniques.
- Student initiated research and class projects that involve human subjects must also be submitted for review.

Your study may be eligible for expedited review if it involves no more than minimal risk to the subject.

Examples of research that might be eligible for expedited review include:

- Prospective collection of biological specimens for research purposes by noninvasive means;
- Collection of data through noninvasive procedures;
- Research involving materials (data, documents, records, or specimens) that have been collected or will be collected solely for non-research purposes;
- Collection of data from voice, video, digital, or image recordings made for research purposes;
- Research on individual or group characteristics or behavior (including, but not limited to, research on perception, cognition, motivation, identity, language, communication, cultural beliefs or practices, and social behavior) or research employing survey, interview, oral history, focus group, program evaluation, human factors evaluation, or quality assurance methodologies.

Research will be subject to review by the entire IRB if it:

- Does not meet the criteria for expedited review;
- Requires the use of deception;
- Requires the use of subjects from populations in need of special protection (e.g. prisoners, individuals with disabilities, victims of abuse, pregnant women, and children).

All researchers must take the CITI online training program which includes modules in “Defining Research with Human Subjects,” “Informed Consent,” and “Social and Behavioral Research.”

Questions about the CITI Training, the IRB process or whether the IRB process is relevant to your research should be addressed to Dr. Maureen McCarthy at x2919 or by email: mccartma@potsdam.edu

Animal Subjects (IACUC)

The SUNY Potsdam Institutional Animal care and Use Committee (IACUC) reviews any use of live animals in research, teaching, service or display by faculty, staff or students affiliated with SUNY Potsdam, regardless of where the activity occurs and of the activity’s funding source.

Please allow adequate time for your proposal to be reviewed prior to the intended start date of the project. The committee requires sufficient time to review the proposal and to suggest any revisions prior to project approval by the institutional official.

If you are unsure whether the project you plan to conduct should be submitted to the IACUC or have questions about the approval process, please contact Dr. Jan Trybula, Chair of the IACUC at x2258 or trybulj@potsdam.edu.

Researchers are reminded that state and federal laws require that all projects involving animal subjects be reviewed. For further information, meeting schedule and forms go to: http://www.potsdam.edu/faculty/research/rspo/IACUC/index.cfm
Research and Creative Endeavors Program

The Research and Creative Endeavors Program is designed to provide faculty with seed money to pursue a research or scholarly project and eventually seek and attract external funding for their work.

As in the past, in making awards, the Committee will especially emphasize projects that have the potential to encourage new faculty, women, and minorities; to support research and creative endeavors across the disciplines; and to attract external resources.

The maximum award per project is $1,000. Generally, this program does not provide funding for conference travel, computer equipment and general office expenses.

Deadline: April 3.

Grant Writing Initiative (GWI)

The Research and Sponsored Programs Office will make up to 6 awards of $250 each to faculty and professional staff who develop and submit viable proposals to external funding agencies during 2012-2013. All grant proposals submitted through the Research and Sponsored Programs Office (excluding continuation and fellowship applications) will automatically be eligible.

Awards will be made based on the following considerations:

- Quality of proposal
- Match between proposal and sponsor (likelihood of success)
- Institutional support of proposal

Up to 6 awards will be made in May 2013.

Grant Development Program

The Grant Development Program will provide awards of up to $1,500 to full-time faculty of professional staff to pursue the development of new proposals for submission to external funding agencies. All successful applicants will be required to submit a full proposal (with a budget of at least $50,000 per year) to an external sponsor within one year from the time of award. It is expected that those interested will have identified a potential sponsor and contacted that sponsor to discuss funding possibilities. The application form requires a description of the proposed project and a project time line that incorporates the applicant's plans for meeting the grant submission deadline. Allowable budget items include travel, supplies, books, duplicating, telephones, etc.

Deadline: Open.
Getting Support through RSPO

RSPO has staff to help you at all stages of the process.

**Finding Funding**—We will train you in using the search engines for finding funding as well as helping you look for funding opportunities.

**Preparing to Write a Proposal**—We will guide you through the often mind-numbing details of the Request for Proposal and various, sometimes contradictory seeming, requirements. We will also help you to create a work plan time line. Work may need to begin a year ahead of submission deadlines.

**Writing a Proposal**—The grant writer on staff will help you to plan, write, and revise the proposal. We will also edit the proposal.

**Submitting a Proposal**—Pre-award specialists will help you plan your budget, assist in providing or obtaining documentation and certification, and will submit the proposal through online sites such as grants.gov.

**Compliance issues**—CITI training, IRB or IACUC approval, required disclosures

**Once a grant is awarded**, our office will help with:

- **Fund management**—records of expenditures, payroll, disbursement of funds, purchase orders, clarification of allowed and disallowed costs
- **Documentation**—A specialist will help you set up an efficient record-keeping system so that you will be able to generate reports required by the agency funding you.
- **Submitting Requests for Renewal of Funding**