

Preview of Award 1259860 - Annual Project Report

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Cover

Federal Agency and Organization Element to Which Report is Submitted:	4900
Federal Grant or Other Identifying Number Assigned by Agency:	1259860
Project Title:	Sholarships-Creating Opportunities for Applying Mathematics

met renewal requirements between Fall 2013 to Spring 2014. All graduate students, except 2, met renewal requirements.

Four undergraduate and four graduate students attended national conferences to present their research results in the fields of chemistry, geoscience, and mathematics. Three students participated in the COMAP Mathematical contest in Modeling and their submission was declared as meritorious winner. One student in the M.S. in Applied Mathematics program obtained a student-trainee position at NASA IV&V in summer 2013 and will serve as a mentor for another undergraduate who receive an internship position for Summer 2014 at the same facility.

Key outcomes or
Other achievements:

From the Fall 2013 semester evaluation:

- 100% indicate that participation in the scholarship group increase connection with other mathematics and science students
- 95% indicated the monthly meetings improved their commitment to continue their academic programs
- 89% indicated the monthly meetings improve their motivation to work hard and succeed in classes

* What opportunities for training and professional development has the project provided?

- For scholarship cohort: Each semester, three of the four monthly meetings are completely led by students. All students have a reading project and work with group members to give a presentation in which they share what they learn from the reading. In addition, some of the second year students design and run 30-45 minutes on the topics they choose. Recently, the topics have been focusing on job-related skills, such as interview techniques, resume reviews, strategies for improving on performance appraisal, etc. Students are required to complete the training through the Collaborative Institutional Training Initiative which includes courses on ethical conduct of research. Students also register for MentorNet, an online mentoring service.
- Workshops: All workshops are announced to the entire IUP community through email and through the daily campus bulletin.
 - Fall 2013: Introduction to Matlab I and II
 - Spring 2014: Introduction to R I and II

- Invited Speakers: Six speakers gave presentations on their cutting edge research in different areas of applied mathematics and statistics or shared their work experience with students. Presentations are advertised and open s gave areas of applied mathematics and statistics or shared theirplied059(statistt08.7320t(%7InA mathemahared)5tions)-68(are)5016sw students(nJ /Span</ActualText<FEFF00A0>>> BDC4w8.06)-68s-68(antTshaed)with 4SpanysActualText<FEFF00A0>>> BDC wihns)-68s-68(ntTr.-{(Bire)5)-a Noelws,3-40MStH a present

John Chrispell
Email: John.Chrispell@iup.edu
Most Senior Project Role: Faculty
Nearest Person Month Worked: 0

Contribution to the Project: served on scholarship review committee

Funding Support: None

International Collaboration: No
International Travel: No

Alfy Dahma
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Most Senior Project Role: Faculty
Nearest Person Month Worked: 0

Contribution to the Project: served on scholarship review committee

Funding Support: None

International Collaboration: No
International Travel: No

Ed Donley
Email: hedonley@iup.edu
Most Senior Project Role: Faculty
Nearest Person Month Worked: 0

Contribution to the Project: served on scholarship review committee

Funding Support: None

International Collaboration: No
International Travel: No

Dan Radelet
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Most Senior Project Role: Faculty
Nearest Person Month Worked: 0

Contribution to the Project: served on scholarship review committee

Funding Support: None

International Collaboration: No
International Travel: No

Gary Stoudt
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Most Senior Project Role: Faculty
Nearest Person Month Worked: 0

Contribution to the Project: served on scholarship review committee

Funding Support: None

International Collaboration: No
International Travel: No

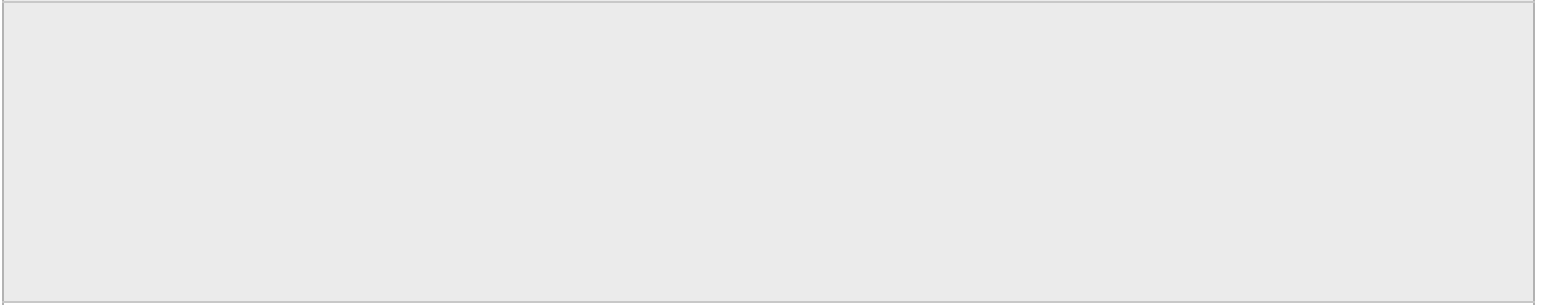
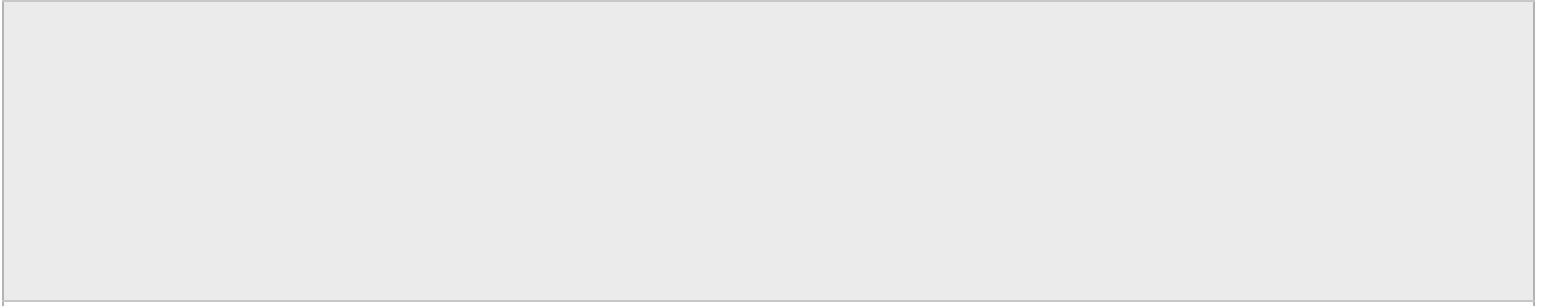
Alisa DeStefano
Email: aldestef@iup.edu
Most Senior Project Role: Other Professional
Nearest Person Month Worked: 0

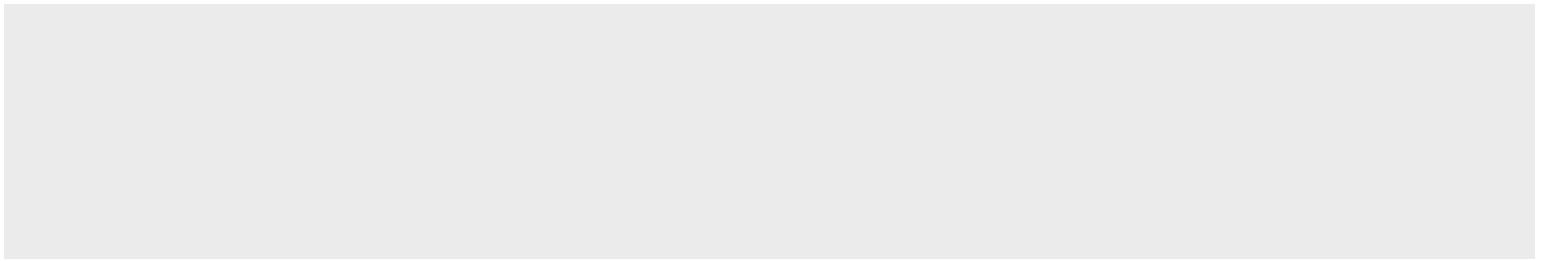
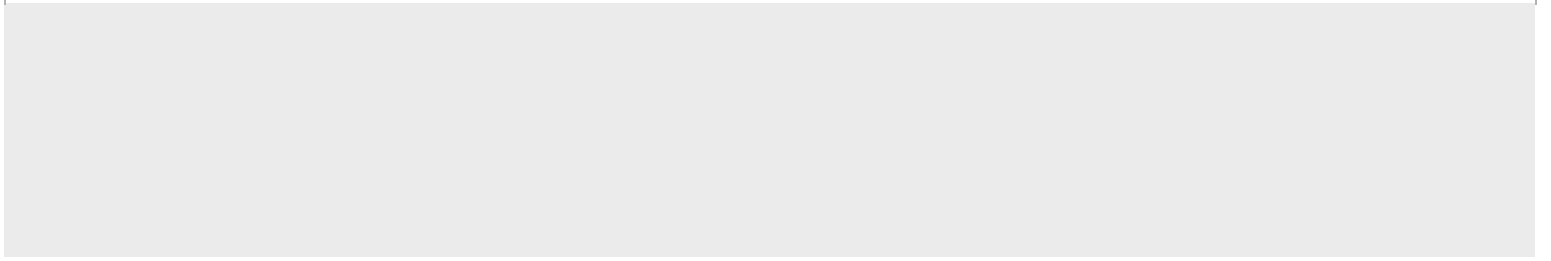
Contribution to the Project: reviewed students' financial need eligibility for compliance with scholarship requirements

Funding Support: None

International Collaboration: No
International Travel: No

Frank DeStefano
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Most Senior Project Role: Other Professional





- One undergraduate student in the cohort graduated in Dec. 2013.

Outcome for Graduate Students in the M.S. in Applied Mathematics program

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