



GEOSCIENCE EDUCATION DIVISION

Geoscience Education Division Fall 2018 Newsletter

Dear GSA GED members,

This is our second and final electronic newsletter for 2018. Thank you to everyone who submitted their names for serving on the GSA GED management board and thank you members for voting. We would like to welcome our incoming 2nd Vice Chair, **Dr. Kelly Lazar** (Clemson University), incoming student representative, **Larry Collins** (Washington State University), and new webmaster **Dr. Elizabeth Nagy-Shadman** to the team. They will be introduced at our Business Meeting on Tuesday, November 6th from 4-5pm in the Marriott room 105.

GSA's 130th annual meeting is just over a month away in Indianapolis. Be sure to lock in [early registration pricing](#) by October 1. Our annual Educators Reception will be held at Rock Bottom Brewery this year, Sun. Nov. 4, 7-9pm. Address is 10 W. Washington St.

Congratulations to our 2018 Totten and Biggs Awardees!

The Totten Award recognizes (an) outstanding author(s) of geoscience education research that was presented at the annual meeting. This year we are thrilled to present the Totten Award to Michigan State University's **Caitlyn Kirby** for her presentation titled "*Understanding climate change behaviors using a modified theory of planned behavior*".

The Biggs Award recognizes innovative and effective teaching in college-level Earth science. This year it is our honor to present the Biggs Award to Northern Illinois University's **Nicole LaDue**. If you know someone who you feel should be considered for the Biggs Award, please nominate them [here](#).

Our awardees will be recognized at the NAGT-GED-CUR joint awards luncheon on Tuesday, November 6th from 11:30am to 1pm in the Marriott White River Ballroom.

As a reminder, these great GED sessions are all happening, see you in Indy!

- T21. *Geology and Hydrology of Your Public Lands: Understanding and Managing America's Geologic Heritage, Active Processes, Geohazards, Energy Development, and Mineral Resources*
- T22. *Changing Information Needs in the Geosciences*
- T24. *Geoscience and Other STEM Internships on Public Lands: Providing Career Development Opportunities for Students and Recent Graduates*
- T25. *Geoscience Information Needs in Education and Research (Posters)*
- T26. *Geoscience Apps on the Web and in Your Hand (Posters)*
- T42. *Data Science for Geosciences: Advancing Geoscience Research in the Cyberinfrastructure*
- T66. *The Twenty-First-Century Geoscience Workforce: What Is It? Who Is In It? Who is Missing?*
- T69. *Innovations in Using Fossil Collections for Deep Time Education and Outreach*

- *T70. Geoscience Animations and Videos As Tools for Learning: Using Them in the Classroom, Making Them, and Assessing Their Impact*
- *T71. Recruiting and Retaining K9–16 Students through Field- and Laboratory -Based Geoscience Experiences (Posters)*
- *T72. Integrating Active Learning Strategies into College-Level Geoscience Classrooms: Implementation, Effects, and “Lessons Learned”*
- *T73. Beyond Pretty Pictures: The Role of Photography in Promoting Understanding and Learning in the Geosciences*
- *T74. Declining Enrollments in U.S. Undergraduate Geoscience Programs: How Did We Get Here and How Do We Get Our Groove Back?*
- *T76. Beyond the Road-Cut: Virtual, Local, and Nontraditional Field Teaching and Learning Experiences*
- *T78. Barriers, Misconceptions, and Progress in Improving Climate Literacy and Strategies for Communicating about Climate Change*
- *T79. Showcase of Undergraduate Research Posters by 2YC and 4YCU Geoscience Students (Posters)*
- *T82. Hands-On Teaching Demonstrations that Combine Geoscience and Societal Issues: Audience Participation Requested!*
- *T83. Beyond the Numbers: Strategies for Inclusive Education Practices across the Geological Sciences*
- *T84. Making Sense of Methodologies and Theoretical Frameworks in Geoscience Education Research*
- *T87. Collaborative Partnerships between K–12 Teachers/Informal Educators and Scientists*
- *T88. Women and Geology: Nevertheless, We Persist*
- *D26. Geoscience Education I*
- *D27. Geoscience Education (Posters)*
- *D63. Geoscience Education II*

Finally, in light of the accident that occurred during Auburn University’s field camp this summer, keep your eyes out for an important Town Hall discussion about field safety and unexpected emergencies on Sunday November 4th, 4-5:30pm.

Sincerely,

Natalie Bursztyn
Chair, Geoscience Education Division