



GEOSCIENCE EDUCATION DIVISION

Geoscience Education Division Spring 2018 Newsletter

Dear GSA GED members,

We aim to provide you with three short informational electronic newsletters annually, beginning with this one.

Students! May 25th is the deadline to apply for GSA's On To the Future Program. Information [here](#). Also, keep your eyes out on the GSA website, opportunities to volunteer at the annual meeting become available in early August.

Everyone! We are seeking people interested in serving the division. Looking to get involved? Make a difference? Learn more about geo-ed within GSA? Submit your [form of interest](#) for one of the following three positions:

1. **2nd Vice Chair** will serve for one year' will then rotate into the 1st Vice Chair position for one year; and will then rotate into the Chair position for one year. The Chair will serve as the Past Chair for a final year. The second vice-chair shall assume the duties of the chair whenever both the chair and the first vice-chair are not available. The second vice-chair shall be chair of the awards committee.
2. **Student Representatives** shall serve on the Iris Moreno Totten Education Research Award Committee under the direction of the Totten Committee Chair. Student Representatives shall represent GED on the GSA Student Advisory Council (SAC). Student Representatives shall, to the best of their knowledge and abilities, represent the interests and concerns of GED student members to the management board.
3. **Webmaster** shall maintain the [Geoscience Education Division's website](#) with updates and announcements as needed. Training will be provided by the GSA.

Finally, abstracts for the GSA annual meeting are due by August 14th. GED related sessions are as follows:

- 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?*
- *T68. Respecting, Developing, and Implementing Multiple Ways of Knowing within Geoscience Disciplines*
- *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?*
- *T75. Hidden in Plain Sight: Geology Where You Least Expect It*
- *T76. Beyond the Road-Cut: Virtual, Local, and Nontraditional Field Teaching and Learning Experiences*
- *T77. Earth Science Literacy Principals: A Decade after Inception, Where Are We Now?*
- *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)*
- *T80. Exploring the ART in E(ART)h Science*
- *T81. Promoting Scientific CURE-iosity: Course-Based Undergraduate Research Experiences (CUREs) in Introductory Courses at 2YCs and 4YCs*
- *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*
- *T85. Preparing Graduate Students and Post-Docs for the College Teaching Workforce*
- *T86. Making the Case for Collections: How Institutions Are Using Real Objects to Engage the Public, Solve Problems, and Save the World*
- *T87. Collaborative Partnerships between K–12 Teachers/Informal Educators and Scientists*
- *T88. Women and Geology: Nevertheless, We Persist*

Sincerely,

Natalie Bursztyn
 Chair, Geoscience Education Division