Hello SOLESS Members,

I’m so thrilled to release our first newsletter on Pi Day! First, I want to share a bit about myself to provide insight into my motivation for starting SOLESS. I’m a 4th year geophysics PhD candidate at the University of Colorado Boulder and a Mexican-American raised in Los Angeles, CA in a working-class family. Although my parents only attended primary school, they instilled the importance of hardwork and education in my seven older siblings and myself. I’m grateful to each of my siblings for paving my path to higher education. Despite my family’s support, as I advanced in my education, I longed for guidance from someone in the geosciences whom I could relate to.

I launched SOLESS to provide myself and others a community that has been so desperately needed. Bernard and Cooperdock’s 2018 Nature Geoscience article, No progress in diversity in 40 years, reveals that even though Hispanics make up 18% of the U.S. population, they only represent 5% of PhD recipients in the geosciences from 1973 to 2016.

![Graph showing percentage of PhDs by race and ethnicity](image)

I want to thank those of you who already created your member profile. The goal of the profiles is to increase our visibility and to provide role models to younger Latinx/Hispanic generations who might have never considered or doubted their belonging in the earth and space sciences. I would also like to give a special thanks to Dr. Lorena Medina Luna and Andrea Balza for their support in getting SOLESS off the ground.

In this newsletter, you can learn more about the resources SOLESS currently provides and ways you can become involved. Please don’t hesitate to reach out to me. I would love to hear about ideas and feedback you may have. Together, we can cultivate the next generation of Latinxs/Hispanics in the earth and space sciences.

Excited for our future,
Magali Barba-Sevilla
SOLESS Founder & Chair
Opportunity Database >>>>
A collection of scholarships, fellowships, fieldwork, workshops, and research opportunities with an emphasis in earth science. Have an opportunity you want to share? Email the details to soless@colorado.edu

Member Profile Database >>>>
Get to know SOLESS members by visiting their profiles. SOLESS members span a variety of educational levels, career backgrounds, and disciplines. Member profiles include research interests, "action photos," aspirations, current position, educational history, and hometown.

Mentoring Program <<<<<<
Interested in having a peer or more senior member as a mentor? We can reach out to SOLESS member on your behalf. Don't have a particular person in mind? Let us find you a mentor.

Visit our website to learn more about SOLESS resources:
http://ciresdiversity.colorado.edu/soless

Don't forget to follow us on social media! @GeoSpaceLatinx

<<< Document Review Portal
A platform where members can submit their CVs, proposals, personal statements, etc. to get feedback from other current members.
Submit your documents here: https://ciresdiversity.colorado.edu/form/soless-review

<<<< Monthly Webinars <<<<<
Join us for our monthly hour long webinars geared towards undergraduate and/or graduate students.
- APRIL: Paths to earth and space science
  - A panel of graduate students discuss their path to higher education.

Future Webinars:
- Constructing a research poster
- Applying to graduate school
- How to write a winning proposal (NSF GRFP/NASA FINESST / Ford)
- Working in industry
- Navigating the earth and space sciences as a DACA or undocumented student
- Careers in academia
- Careers in the government or non-profit sectors
- Preparing a CV
- Surviving a conference
To recruit and retain Latinx/Hispanic students in the earth and space sciences, SOLESS members are encouraged to serve as a mentor or mentee, to advocate for our members, and to participate in outreach opportunities that create avenues for inclusivity and engagement with the broader community. If you choose to participate in a K-12, community college, or college outreach event, you agree to be an ambassador for SOLESS, which includes being a welcoming participant of the outreach event. We recognize that not all events are specifically geared toward the Latinx/Hispanic population. As a participant in outreach events, you help to raise awareness of Latinx/Hispanics in your community. We would love to share photos of your outreach efforts on our social media and website. Please send photos you would like to share to soless@colorado.edu.

Regional Chapters
- Unite local members to launch regional SOLESS chapters
- Organize local meet-ups and outreach activities
- Recruit and support local SOLESS members

Contribute to SOLESS Resources
- Update SOLESS opportunity database
- Serve as a SOLESS document reviewer
- Volunteer for the monthly SOLESS Webinar
- Contribute to our quarterly newsletter
- Contribute to our social media pages
- Serve as a SOLESS advisor

Be a Mentor/Mentee
STUDENTS
- Serve as a peer mentor
- Participate as a mentee
- Share your experience and build a support network
- Support peers transitioning from community college to 4-year college

POSTDOCS, FACULTY, PROFESSIONALS
- Serve as a mentor to junior SOLESS members
- Participate in a mock interview
- Provide feedback on a poster or oral presentation
- Provide feedback on documents submitted for review by SOLESS members
- Participate in a SOLESS monthly webinar

Serve as SOLESS Conference Ambassador
- Promote Latinx/Hispanic student presentations on one of our social media platforms
- Lead SOLESS gathering (mixer, dinner, etc.)

Dr. Lorena Medina Luna volunteered as the SOLESS ambassador and social media representative at the 2019 American Meteorological Society (AMS) Meeting. On the left is one of her tweets promoting a SOARS protégé undergraduate research poster. On the right is a group photo at the SOLESS Mixer during AMS.

We are still looking for volunteers for the following meetings. If you would like to volunteer for a meeting not listed, please let us know ASAP.

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Date</th>
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<tbody>
<tr>
<td>Lunar and Planetary Science Conference</td>
<td>18–22 March 2019</td>
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<tr>
<td>(Woodlands, TX)</td>
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<tr>
<td>Seismological Society of America Meeting</td>
<td>23–26 April 2019</td>
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<tr>
<td>(Seattle, WA)</td>
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<tr>
<td>2019 AGU-SEG Workshop (Davie, FL)</td>
<td>10–13 June 2019</td>
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<tr>
<td>2019 Astrobiology Science Conference</td>
<td>24–28 June 2019</td>
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<tr>
<td>(Bellevue, WA)</td>
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