2020 academic opportunities

Center for Undergraduate Research and Creative Activities (CURCA) Student Travel Grants

- https://ung.inforeadv4.com/#competitionDetail/1790222
- ~~Application due by Friday, January 31 at 3pm~~ *last Friday in January * Funding up to $500 * Presentation at an external conference before September 15 ===== University of North Georgia's 25th Annual Research Conference (UNG ARC) ===== * https://digitalcommons.northgeorgia.edu/ngresearchconf/2020/ * ~~Abstract due by Friday, February 14 at 5pm~~ * Friday, March 13 between 9am–3pm * The Martha Nesbitt building * An abstract proposal of up to 250 words * Georgia Statewide Tree Canopy Analysis by Jennifer McCollum, Owen Smith, Huidae Cho * Expansion of Topographic Wetness Index to Include Remotely Sensed Soil Data by Tyler Henderson, Huidae Cho ===== Esri Southeast User Conference ===== * https://www.esri.com/en-us/about/events/esri-southeast-uc/overview * Tuesday, April 28–Wednesday, April 29 * Atlanta Marriott Marquis, Atlanta, GA * Missed or no call for abstracts? Well, nothing to present anyway... ===== Faculty-Undergraduate Summer Engagement (FUSE) ===== * https://ung.inforeadv4.com/#competitionDetail/1790203 * ☒ [hcho][✓ hcho, 2020-02-14][→ 2020-02-15]~~Application due by Saturday, February 15 at 5pm~~ * Funding * $4,000 faculty stipend * Up to $500 for materials * A student for 8 weeks at 40 hours/week or two students for 8 weeks at 20 hours/week * Project period: June 1–July 24 * Required progress meetings 10am–1pm: * June 5 * June 19 * July 3 * July 17 * Proposal: An Open Source Software Library for Calculating Spectral Indices ===== Asia Oceania Geosciences Society (AOGS) 17th Annual Meeting ===== * http://www.asiaoceania.org/aogs2020 * ☒ [hcho][✓ hcho, 2020-02-04][→ 2020-02-04]~~Abstract due by Tuesday, February 4~~ * ☐ [hcho][→ 2020-02-29]Discuss travel reimbursement * ☐ [hcho][→ 2020-04-21]Registration by Tuesday, April 21 * Sunday, June 28–Saturday, July 4 * Sono Belle Vivaldi Park, Hongcheon, South Korea * Participate as a co-convener of the HS29 session * Travel funded by the HS29 session convener * HS29 session: New Technology for Mitigating Flood Disaster Under Climate Change

  The objectives of this meeting is to address the various approaches and methods used to predict and manage on flood disaster under climate change. By sharing of new, innovative developments and methodologies against Typhoon and flash flood including large urban areas, we will explore countermeasures to sustain balance between structural and nonstructural approaches.

  *The major outcomes are expected as follows: * Extreme rainfall analysis by applying stationary/nonstationary method * Radar application for real-time flood forecasting * Rapid and accurate flood forecast by machine learning technique * Combination of structural/nonstructural mesasures for flood mitigation * Flood hazard mapping in urban area considering drainage system * Estimation of flood damages and evacuation planning for residents * HS47 session: Precipitation Induced Disasters: Observation, Prediction, Mitigation, and Adaptation*

  Precipitation and disasters

  Precipitation is the primary driver of natural disasters such as floods and droughts which pose serious threat to human society and natural environment at a global scale. Urbanizations and climate changes exacerbate these threats. Therefore, a thorough understanding on the various

mechanisms linking precipitation, disasters, and human adaptation is essential to develop a system that is resilient and robust against the precipitation-induced disasters.

*Taken this, this session aims to gather novel contributions on the following topics: * Spatial and temporal pattern change of extreme precipitation leading to disasters at both global and local scale * Novel techniques of precipitation downscaling and future weather generation * Assessment of the risks posed by precipitation considering climate change and urbanization * Adaptation strategies of human society to precipitation-induced disasters * Novel development of flood forecast and warning systems * Application of remote sensing techniques to observe precipitation-induced disasters * Submitted abstracts * HS29-A017: Just How Uncertain Are Our Extreme Flow Estimations for Flood Hazard Modeling in Ungauged Basins? * HS47-A005: Towards Advanced Floodway Modeling ===== Free and Open Source Software for Geospatial (FOSS4G) 2020 ===== * http://2020.foss4g.org/ * Academic papers due by March 6 * Talks & workshops due by May 1 * Monday, August 24–Saturday, August 29 * Calgary, Alberta, Canada ===== Center for Undergraduate Research and Creative Activities (CURCA) Student Travel Grants ===== * Not open yet * Application due by Friday, September 18 at 3pm* third Friday in September

- Funding up to $500
- Presentation at an external conference before February 15

Georgia Geospatial Conference 2020

- https://www.geospatialconferencega.com/
- Call for abstracts not open yet
- Sunday, October 11–Tuesday, October 13
- Hyatt Regency Hotel in Savannah, Georgia

Georgia Undergraduate Research Conference (GURC)

- https://www.gcsu.edu/gurc
- Call for abstracts not open yet
- Friday, October 23–Saturday, October 24
- University of West Georgia

Free education

- FREE WEBINAR: Science Be Dammed: How Ignoring Inconvenient Science Drained the Colorado River
  - ~~January 22, 2020, 1–2pm ET~~