



HONORS PROGRAM

AGU has a diverse program for recognizing individuals who have made outstanding contributions to the advancement of the geophysical sciences, to the service of the community, and public outreach. The program aligns with AGU's strategic goals in scientific leadership, talent pool development, and science and society.

The Honors and Recognition Committee, Union Fellows Committee, and Union Awards, Medals, and Prizes Committees are charged with ensuring that the AGU Union Honors Program is superior in all respects, recognizes all constituents, and fosters a global network of individuals in the Earth and space sciences who epitomize excellence and cooperation in research, education and outreach.

UNION HONORS

Union Medals are the highest honors bestowed by AGU and recognizes individuals for their scientific body of work as well as their sustained impact within the Earth and space sciences community.

Union Fellows have attained scientific eminence in the Earth and space sciences through achievements in research, as demonstrated by one or more of the following: 1) breakthrough or discovery; 2) innovation in disciplinary science, cross disciplinary science, instrument development, or methods development, and/or 3) sustained impact

Union Awards are related to AGU's strategic goals in Science and Society and Talent Pool, and recognizes individuals who have demonstrated excellence in scientific research, education, communication, and outreach.

Union Prizes are done jointly with non-profit, for-profit, government and NGO entities, and includes significant funding to recognize individuals who showcase excellence in scientific research and communication.

HONORS PROGRAM ALIGNS WITH AGU'S STRATEGIC GOALS

Scientific Leadership and Collaboration

- Strengthen AGU's ability to operate in an interdisciplinary manner

Science and Society

- Develop mechanisms to support interdisciplinary collaboration among members
- Enhance mutual support and networking opportunities for students and early career scientists

Talent Pool

- Decrease our real barriers to gender and ethnic diversity and involvement within AGU and within Earth and space science
- Increase participation of underrepresented groups

Organizational Excellence

- Increase awareness among members about AGU's full scope of activities and opportunities and that AGU is more than meetings and publications
- Optimize responsiveness to members
- Increase transparency of governance, finance and operations
- Improve governance effectiveness, efficiency and visibility
- Enhance diversity and inclusiveness

Name of Medal	Scope Statement	Career Stage	Mapping to Sections and Focus Groups
Bowie Medal	For outstanding contributions to fundamental geophysics and for demonstrated unselfish cooperation in research. Unselfish cooperation is considered volunteer activity above and beyond any job requirements.	Senior Scientist	All (Interdisciplinary)
Bucher Medal	For original contributions to the basic knowledge of crust and lithosphere of Earth and/or other planetary bodies.	Senior Scientist	G, GP, MRP, NS, S, SEDI, T, VGP
Ewing Medal	For significant contributions to the ocean sciences.	Senior Scientist	AS, G, GP, MRP, NS, OS, PP, S, SEDI, T, VGP
Fleming Medal	For original research and technical leadership in geomagnetism, atmospheric electricity, aeronomy, space physics, and/or related sciences.	Senior Scientist	AS, ASE, GP, PS, SPA, VGP

AMERICAN GEOPHYSICAL UNION

2000 Florida Ave. NW, Washington DC 20009 phone: +1 202 462 6900 toll free: +800 966 2481 (North America Only)
www.agu.org facebook.com/AmericanGeophysicalUnion twitter.com/theagu

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Name of Medal	Scope Statement	Career Stage	Mapping to Sections and Focus Groups
Hess Medal	For outstanding achievements in research on the constitution and evolution of the Earth and other planets.	Senior Scientist	EPSP, MRP, PS, SEDI, T, VGP
Horton Medal	For outstanding contributions to hydrology.	Senior Scientist	B, C, EPSP, H, NG, NS
Lehmann Medal	For outstanding contributions to the understanding of the structure, composition, and dynamics of the Earth's mantle and core.	Senior Scientist	GP, MRP, S, SEDI, T
Macelwane Medal	For significant contributions to the geophysical sciences by an outstanding early career scientist.	Early Career	All (Interdisciplinary)
Revelle Medal	For outstanding contributions in atmospheric sciences, atmosphere-ocean coupling, atmosphere-land coupling, biogeochemical cycles, climate or related aspects of the Earth system.	Senior Scientist	AS, ASE, B, GEC, H, NH, OS, PP
Whitten Medal	For outstanding achievement in research on the form and dynamics of the Earth and planets.	Senior Scientist	G, NG, PS, S, T

Union Fellows	Scope Statement	Career Stage	Mapping to Sections and Focus Groups
Union Fellows	For scientific eminence in the Earth and space sciences through achievements in research, as demonstrated by one or more of the following: 1) breakthrough or discovery; 2) innovation in disciplinary science, cross disciplinary science, instrument development, or methods development, and/or 3) sustained impact.	Middle Career, Senior Scientist	All (Interdisciplinary)

Union Prizes	Scope Statement	Career Stage	Mapping to Sections and Focus Groups
Taira Prize	In recognition of outstanding transdisciplinary research accomplishment in ocean drilling.	Early Career, Middle Career	B, GEC, GP, MRP, NS, OS, PP, S, T, VGP
Climate Communications Prize	For communication of climate science.	Early Career, Middle Career, Senior Scientist	All (Interdisciplinary)

Union Awards	Scope Statement	Career Stage	Mapping to Sections and Focus Groups
Africa Awards for Research Excellence in Earth and Space Science	For completing significant work that shows the focus and promise of making outstanding contributions to research in Earth and space sciences by an early career scientist from the African continent.	Early Career	All (Interdisciplinary)
Ambassador Award	In recognition for outstanding contributions to the following area(s): societal impact, service to the Earth and space community, scientific leadership, and promotion of talent/career pool.	Early Career, Middle Career, Senior Scientists	All (Interdisciplinary)
Cowen Award	For a journalist or team of journalists who have made significant, lasting, and consistent contributions to accurate reporting on the Earth and space sciences for the general public.	Middle Career, Senior Level	All (Interdisciplinary)
Education Award	For a sustained commitment to excellence in Earth and space science education by a team, individual, or group.	Middle Career, Senior Scientist(s)	All (Interdisciplinary)
Falkenberg Award	In recognition of an early to mid-career researcher or data scientist who through creative and influential use of Earth science data and information has contributed to the quality of life, economic opportunities, and stewardship of the planet, and to the public awareness of the importance of understanding our planet.	Early Career, Middle Career	All (Interdisciplinary)
Flinn Award	For an individual or small group who personifies the Union's motto of unselfish cooperation in research through their facilitating, coordinating and implementing activities.	Middle Career and Senior Scientist	All (Interdisciplinary)
International Award	For making an outstanding contribution to furthering the Earth and space sciences and using science for the benefit of society in developing nations.	Middle Career, Senior Scientist	All (Interdisciplinary)
Kaula Award	For unselfish service to the scientific community through extraordinary dedication to, and exceptional efforts on behalf of, the Union's publications program.	Middle Career, Senior Scientist	All (Interdisciplinary)
Perlman Award	For excellence in science news reporting, defined as work prepared with a deadline of one week or less by a journalist.	Early Career, Middle Career, Senior Level	All (Interdisciplinary)
Smith Award	For extraordinary service to geophysics.	Senior Scientist	All (Interdisciplinary)
Science for Solutions Award	For significant contributions in the application and use of the Earth and space sciences to solve societal problems.	Student or Postdoctoral Scientist	All (Interdisciplinary)
Spilhaus Award	For enhancement of the public engagement with Earth and space sciences, through devoting portions of their career conveying to the general public the excitement, significance, and beauty of the Earth and space sciences.	Early Career, Middle Career, Senior Scientist	All (Interdisciplinary)
Sullivan Award	For excellence in science feature writing, defined as work prepared with a deadline of more than one week by a journalist.	Early Career, Middle Career, Senior Scientist	All (Interdisciplinary)