



SECOND CENTURY STEWARDSHIP

Science for America's National Parks

Seeking Proposals for 2017 Research Fellows Application Deadline, November 21, 2016

A core strategy for Second Century Stewardship is advancing conservation and ecosystem science and providing information to support stewardship of park resources through a high profile, competitive research fellowship program for graduate students, postdocs, or early career scientists.

The Second Century Stewardship Research Fellowships will include professional learning opportunities, mentorship, training in science communication, and interaction with educators and resource managers. Through their research and these interactions, the fellows will contribute to strengthening public understanding of the importance of parks for science and science for parks and society.

For 2017:

- 3 fellowships for research in Acadia National Park
- Cash award of up to \$20,000
- Research housing at Schoodic Institute

Proposals will be evaluated based upon intellectual merit, relevance to long-term stewardship of Acadia National Park, potential to contribute to education and science communication, potential to contribute or lead to long-term research, and qualifications of the applicant.

For more information, including how to apply, please visit www.SchoodicInstitute.org or www.scsparkscience.org or email SCSparksience@SchoodicInstitute.org.



1st Research Fellow Brings Cutting-edge Genetic Tools to Acadia

Dr. Elizabeth “Abbey” L. Paulson has been awarded the first Second Century Stewardship Research Fellowship. Dr. Paulson is a newly graduated PhD from the University of Colorado. Dr. Paulson will study the “Environmental DNA analysis of soil and intertidal communities and freshwater habitat connectivity in Acadia National Park.” By focusing on the whole community ecology of the park—with a particular emphasis on the freshwater, soil, and intertidal zone systems of Mount Desert Island, Schoodic Peninsula, and Isle au Haut and the organisms found there—she will strive to understand the impact of global phenomena, such as biological invasions and climate change, on the local ecosystem. One focus in freshwater systems will be learning how culverts affect the ecological communities in Acadia’s streams.

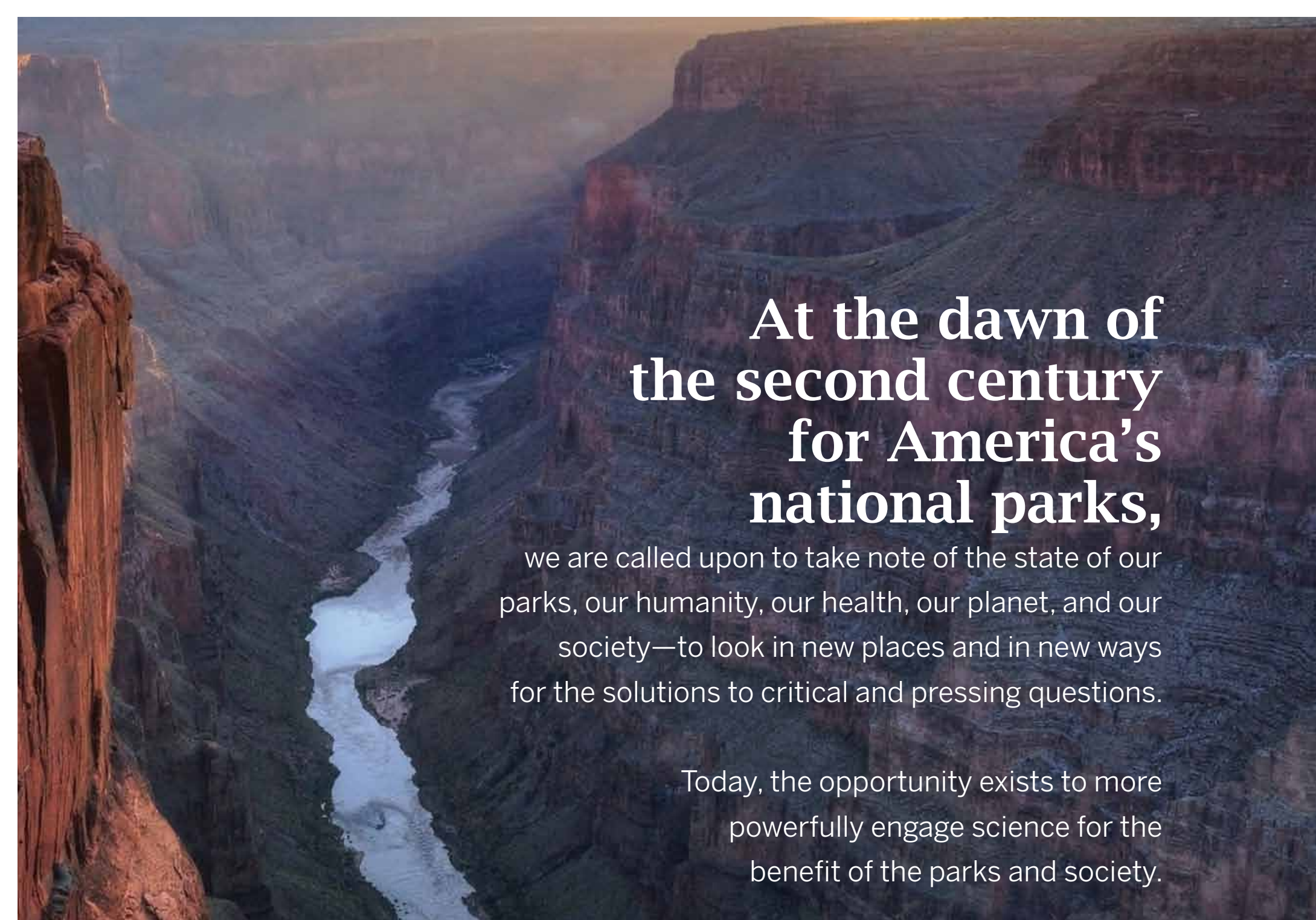
What is Second Century Stewardship?

Second Century Stewardship brings together world-class leadership in a first-of-its-kind collaboration between the American Association for the Advancement of Science (AAAS), Schoodic Institute, Acadia National Park (ANP), and other institutions, to:

- **Advance conservation science** and inform stewardship of natural and cultural resources by expanding scientific research through a competitive Research Fellowship program.
- Leverage park science to **enhance education**, by engaging educators as teacher ambassadors, and developing outdoor science explorations and classroom resources.
- **Strengthen science literacy and appreciation** of the value of parks for science—and science for parks and society—through science communication, including communication trainings for scientists.
- **Pursue solutions** by convening thought leaders and facilitating dialogue about critical issues for our parks and our planet.

Second Century Stewardship will bring these four core strategies together at Acadia National Park, hone the approach into a roadmap and expand to other parks across the country, and share lessons learned for the benefit of all.

The initiative was announced on June 25, 2016 at Park Science Day in Acadia National Park. David Evans Shaw committed a gift of \$1 million as initial funding for the partnership and premiered his new film, *Second Century Stewardship: Science Beyond the Scenery* in Acadia National Park.



More information

Second Century Stewardship Initiative: www.scsparkscience.org

Schoodic Institute at Acadia National Park: www.schoodicinstitute.org

Acadia National Park: www.nps.gov/acad/learn/index.htm

AAAS: <https://www.aaas.org/>

Questions should be sent to: SCSparksience@SchoodicInstitute.org

“We have fallen heirs to the most glorious heritage a people ever received, and each one must do his part if we wish to show that the nation is worthy of its good fortune.”
— Theodore Roosevelt

“What I love about the SCS is that communication is an essential ingredient...what a great idea to combine the beauty of the park with the beauty of science.”
— Alan Alda,
Alan Alda Institute for Communicating Science



“We must not fail to cultivate the next generation of park stewards if we are to sustain their health and access for our grandchildren, and their children.”
— David E. Shaw

Second Century Stewardship Film

The release of the film, *Second Century Stewardship, Science Beyond the Scenery* in Acadia National Park, officially launched the Second Century Stewardship initiative. The film, produced by David E. Shaw, explores the science beyond the stunning scenery of Acadia National Park and how the wise stewardship of this national treasure will benefit future generations. Watch the film here: <https://www.aaas.org/page/film>

