

CURRENT AND PENDING (OTHER) SUPPORT INFORMATION

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person.

*NAME: Borrelli, R. A.

PERSISTENT IDENTIFIER (PID) OF THE SENIOR/KEY PERSON: <https://orcid.org/0000-0003-0274-9253>

*POSITION TITLE: Professor

*ORGANIZATION AND LOCATION: University of Idaho - Idaho Falls Center for Higher Education, Idaho Falls, Idaho, United States

Proposals/Active Projects

***Proposal/Active Project Title:** Secure Cyberspace and Resilient Industrial Systems Workforce Development

***Status of Support:** Current

Proposal/Award Number:

***Source of Support:** Idaho Global Entrepreneurial Mission Initiative

***Primary Place of Performance:** Idaho Falls Center for Higher Education

***Proposal/Active Project Start Date: (MM/YYYY):** 07/2024

***Proposal/Active Project End Date: (MM/YYYY):** 06/2025

***Total Anticipated Proposal/Project Amount:** \$700,000

* **Person Months per budget period Devoted to the Proposal/Active Project:**

Year	Person Months
2024	1
2025	1

***Overall Objectives:** Secure Cyberspace and Resilient Industrial Systems Workforce Development

***Statement of Potential Overlap:** n/a

***Proposal/Active Project Title:** Common Ground: Legitimacy in Consent-based Siting for Interim Nuclear Waste Storage

***Status of Support:** Current

Proposal/Award Number:

***Source of Support:** DOE

***Primary Place of Performance:** Boise St Univ (Primary); Univ of Idaho; Multiple Univ

***Proposal/Active Project Start Date: (MM/YYYY):** 09/2023

***Proposal/Active Project End Date: (MM/YYYY):** 09/2025

***Total Anticipated Proposal/Project Amount:** \$2,000,000

*** Person Months per budget period Devoted to the Proposal/Active Project:**

Year	Person Months
2023	1.75
2024	1.75
2025	1.75

***Overall Objectives:** Common Ground: Legitimacy in Consent-based Siting for Interim Nuclear Waste Storage

***Statement of Potential Overlap:** none

***Proposal/Active Project Title:** Community-engaged Resilience for Energy-Water Systems (I-CREWS)

***Status of Support:** Current

Proposal/Award Number:

***Source of Support:** National Science Foundation

***Primary Place of Performance:** Idaho

***Proposal/Active Project Start Date: (MM/YYYY):** 09/2023

***Proposal/Active Project End Date: (MM/YYYY):** 08/2028

***Total Anticipated Proposal/Project Amount:** \$24,000,000

*** Person Months per budget period Devoted to the Proposal/Active Project:**

Year	Person Months
2023	0.5
2024	0.5
2025	0.5
2026	0.5
2027	0.5

***Overall Objectives:** Community-engaged Resilience for Energy-Water Systems (I-CREWS)

***Statement of Potential Overlap:** no

***Proposal/Active Project Title:** Digital Twins for Nuclear Reactors

***Status of Support:** Pending

Proposal/Award Number:

***Source of Support:** Department of Energy

***Primary Place of Performance:** Washington State University

***Proposal/Active Project Start Date: (MM/YYYY):** 10/2025

***Proposal/Active Project End Date: (MM/YYYY):** 09/2029

***Total Anticipated Proposal/Project Amount:** \$6,000,000

*** Person Months per budget period Devoted to the Proposal/Active Project:**

Year	Person Months
2025	1
2026	1
2027	1
2028	1

***Overall Objectives:** Digital Twins for Nuclear Reactors

***Statement of Potential Overlap:** n/a

***Proposal/Active Project Title:** Common Ground 2050: Public Engagement and Ambition as Preconditions for National Nuclear Readiness with Integrated Waste Management

***Status of Support:** Pending

Proposal/Award Number:

***Source of Support:** DOE NEUP

***Primary Place of Performance:** Boise State University

***Proposal/Active Project Start Date: (MM/YYYY):** 08/2025

***Proposal/Active Project End Date: (MM/YYYY):** 07/2028

***Total Anticipated Proposal/Project Amount:** \$1,000,000

*** Person Months per budget period Devoted to the Proposal/Active Project:**

Year	Person Months
2025	1.25
2026	1.25
2027	1.25

Year	Person Months
2028	1.25

***Overall Objectives:** Advancing Consent-based Siting of Spent Nuclear Fuel Management

***Statement of Potential Overlap:** n/a

***Proposal/Active Project Title:** Establishing a Teaching and Research Laboratory for Radiation Measurement and Shielding at The University of Idaho

***Status of Support:** Pending

Proposal/Award Number:

***Source of Support:** Department of Energy

***Primary Place of Performance:** University of Idaho

***Proposal/Active Project Start Date: (MM/YYYY):** 08/2025

***Proposal/Active Project End Date: (MM/YYYY):** 07/2026

***Total Anticipated Proposal/Project Amount:** \$228,314

*** Person Months per budget period Devoted to the Proposal/Active Project:**

Year	Person Months
2025	1
2026	1

***Overall Objectives:** Establishing a Teaching and Research Laboratory for Radiation Measurement and Shielding at The University of Idaho

***Statement of Potential Overlap:** n/a

***Proposal/Active Project Title:** Nuclear Power Plant Cyber-Risk Assessment with Real-Time Reactor Operations

***Status of Support:** Pending

Proposal/Award Number:

***Source of Support:** Nuclear Regulatory Commission

***Primary Place of Performance:** University of Idaho - Idaho Falls

***Proposal/Active Project Start Date: (MM/YYYY):** 08/2025

***Proposal/Active Project End Date: (MM/YYYY):** 07/2028

***Total Anticipated Proposal/Project Amount:** \$332,985

*** Person Months per budget period Devoted to the Proposal/Active Project:**

Year	Person Months
2025	1.75
2026	1.75
2027	1.75
2028	1.75

***Overall Objectives:** Nuclear Power Plant Cyber-Risk Assessment with Real-Time Reactor Operations

***Statement of Potential Overlap:** n/a

***Proposal/Active Project Title:** The University of Idaho Fellowship Program for Integrated Graduate Studies in Nuclear Engineering

***Status of Support:** Pending

Proposal/Award Number:

***Source of Support:** Nuclear Regulatory Commission

***Primary Place of Performance:** University of Idaho Idaho Falls Center for Higher Education

***Proposal/Active Project Start Date: (MM/YYYY):** 05/2025

***Proposal/Active Project End Date: (MM/YYYY):** 04/2029

***Total Anticipated Proposal/Project Amount:** \$400,000

*** Person Months per budget period Devoted to the Proposal/Active Project:**

Year	Person Months
2025	0.25
2026	0.25
2027	0.25
2028	0.25
2029	0.25

***Overall Objectives:** The University of Idaho Fellowship Program for Integrated Graduate Studies in Nuclear Engineering

***Statement of Potential Overlap:** n/a

***Proposal/Active Project Title:** Industrial Cyber Security Research and Training Laboratory

***Status of Support:** Pending

Proposal/Award Number:

***Source of Support:** National Institute of Standards and Technology

***Primary Place of Performance:** Idaho State University; University of Idaho Idaho Falls Cent

***Proposal/Active Project Start Date: (MM/YYYY):** 08/2024

***Proposal/Active Project End Date: (MM/YYYY):** 07/2026

***Total Anticipated Proposal/Project Amount:** \$2,875,000

*** Person Months per budget period Devoted to the Proposal/Active Project:**

Year	Person Months
2024	1
2025	1
2026	1

***Overall Objectives:** Industrial Cyber Security Research and Training Laboratory

***Statement of Potential Overlap:** n/a

Certification:

I certify that the information provided is current, accurate, and complete. This includes but is not limited to current, pending, and other support (both foreign and domestic) as defined in 42 U.S.C. § 6605.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Borrelli, R. A. in SciENCv on 2025-01-14 19:52:58