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**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.

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\*NAME: Borrelli, R. A.

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

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**Projects/Proposals**

\*Project/Proposal 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

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

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

\*Total Award Amount: \$20,000,000

\* Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:

Year	Person Months
2023	1
2024	1
2025	1
2026	1
2027	1

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

\*Statement of Potential Overlap: no

\*Project/Proposal 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

**\*Project/Proposal Support Start Date: (MM/YYYY):** 07/2023

**\*Project/Proposal Support End Date: (MM/YYYY):** 06/2024

**\*Total Award Amount:** \$700,000

**\* Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2023	1
2024	1

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

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

**\*Project/Proposal Title:** NuScale Power, LLC Energy Exploration Center License Extension at the Center for Advanced Energy Studies

**\*Status of Support:** pending

**Proposal/Award Number:**

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

**\*Primary Place of Performance:** Center for Advanced Energy Studies

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

**\*Project/Proposal Support End Date: (MM/YYYY):** 07/2025

**\*Total Award Amount:** \$229,367

**\* Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2024	0
2025	0

**\*Overall Objectives:** NuScale Power, LLC Energy Exploration Center License Extension at the Center for Advanced Energy Studies

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

**\*Project/Proposal 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:** Center for Advanced Energy Studies

**\*Project/Proposal Support Start Date: (MM/YYYY):** 06/2024

**\*Project/Proposal Support End Date: (MM/YYYY):** 05/2027

**\*Total Award Amount:** \$499,036

**\* Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2024	0.7
2025	0.7
2026	0.7
2027	0.7

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

**\*Statement of Potential Overlap:** none

**\*Project/Proposal Title:** Securing Grid Edge Devices through Distributed Intelligence Synthesis

**\*Status of Support:** pending

**Proposal/Award Number:**

**\*Source of Support:** DOE CESER

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

**\*Project/Proposal Support Start Date: (MM/YYYY):** 01/2024

**\*Project/Proposal Support End Date: (MM/YYYY):** 12/2026

**\*Total Award Amount:** \$2,900,000

**\* Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2024	1
2025	1
2026	1

**\*Overall Objectives:** Securing Grid Edge Devices through Distributed Intelligence Synthesis

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

**\*Project/Proposal Title:** A Hierarchical Fault Tolerant Control System for Semi-Autonomous Operations of Small Modular Advanced Reactors

**\*Status of Support:** pending

**Proposal/Award Number:**

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

**\*Primary Place of Performance:** North Carolina State University

**\*Project/Proposal Support Start Date: (MM/YYYY):** 10/2023

**\*Project/Proposal Support End Date: (MM/YYYY):** 09/2026

**\*Total Award Amount:** \$1,000,000

**\* Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2023	0.45
2024	0.45
2025	0.45
2026	0.45

**\*Overall Objectives:** A Hierarchical Fault Tolerant Control System for Semi-Autonomous Operations of Small Modular Advanced Reactors

**\*Statement of Potential Overlap:** none

**\*Project/Proposal Title:** Distributed Zero Impact I&C Security for Digitized Reactor Operations

**\*Status of Support:** pending

**Proposal/Award Number:**

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

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

**\*Project/Proposal Support Start Date: (MM/YYYY):** 10/2023

**\*Project/Proposal Support End Date: (MM/YYYY):** 09/2026

**\*Total Award Amount:** \$1,000,000

**\* Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2023	0.45
2024	0.45
2025	0.45

Year	Person Months
2026	0.45

**\*Overall Objectives:** Distributed Zero Impact I&C Security for Digitized Reactor Operations

**\*Statement of Potential Overlap:** none

**\*Project/Proposal Title:** A Sub-Seabed Repository for Spent Nuclear Fuel and High-Level Radioactive Waste

**\*Status of Support:** pending

**Proposal/Award Number:**

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

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

**\*Project/Proposal Support Start Date: (MM/YYYY):** 05/2023

**\*Project/Proposal Support End Date: (MM/YYYY):** 04/2025

**\*Total Award Amount:** \$566,856

**\* Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2023	1.5
2024	1.5
2025	1.5

**\*Overall Objectives:** A Sub-Seabed Repository for Spent Nuclear Fuel and High-Level Radioactive Waste

**\*Statement of Potential Overlap:** none

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

**\*Status of Support:** pending

**Proposal/Award Number:**

**\*Source of Support:** DOE

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

**\*Project/Proposal Support Start Date: (MM/YYYY):** 05/2023

**\*Project/Proposal Support End Date: (MM/YYYY):** 04/2025

**\*Total Award Amount:** \$2,000,000

**\* Person Months (Calendar/Academic/Summer) per budget period Committed to the 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

**Certification:**

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to current, pending, and other support (both foreign and domestic) as defined in 42 U.S.C. §§ 6605. 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 2023-07-18 12:43:15*