

Pallabi Mitra Chakrabarti

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EDUCATION

- London School of Economics and Political Science** December 2014
London, United Kingdom
Master of Science in Media, Communication and Development
- Cornell University** May 2013
Ithaca, New York, United States
Bachelor of Science in Industrial and Labor Relations
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RELEVANT PROFESSIONAL EXPERIENCE

- Engineering Systems Integration/Implementation Professional** Mar 2022 – Present
Sandia National Laboratories
Livermore, CA
- Lead engagements with technology experts to understand available technology options for use in medical, research and commercial applications.
 - Demonstrate use of technical methods to support planning, development, integration and implementation of radiological security projects, with typical annual budgets over \$20M.
 - Work with internal stakeholders and experts to determine outreach opportunities, and expand partnerships by participating in international conferences, workshops and seminars on improving radiological security.
 - Develop and design research studies that identify and analyze information on the use of technologies in specialized medical applications to assist with future strategy development.
 - Creatively collaborate with Department of Energy/National Nuclear Security Administration (DOE/NNSA) leadership to develop briefs, talking points and other relevant materials highlighting efforts to strengthen radiological security.
- Program Manager (Contractor), Office of Radiological Security** Jun 2017 – Nov 2020
United States Department of Energy – National Nuclear Security Administration (Contractor)
Washington, D.C.
- Expanded partnerships to strengthen outreach and collaborative activities with international organizations and associations on radiological security, including the Institute of Nuclear Materials Management, World Institute for Nuclear Security and International Atomic Energy Agency.
 - Program management and implementation of projects conducted by DOE national laboratories in support of the Office of Radiological Security, with typical annual budgets of more than \$10M.
 - Influenced the development of NNSA programmatic policy and technical analysis on radiological security issues and topics.
 - Integrated the creation and development of project work plans across national laboratories that included prioritization of activities, lifecycle schedule, funding, activities schedule, milestones, and challenges to implementation.
 - Led the exploration of different applications to promote the improvement of existing and innovative alternative technologies to radiological materials through collaboration on research, development, testing and evaluation.
- National Nuclear Security Administration Graduate Fellow** Jun 2016 – Jun 2017
United States Department of Energy – National Nuclear Security Administration (Contractor)
Washington, D.C.
- Conducted research pertaining to the security of radioactive sources under the mission of the NNSA.
 - Drafted briefing books and monthly newsletters for office and national lab wide distribution.

- Participated in radiological material site assessment and assurance visits with DOE national lab partners.
- Provided organizational support for World Institute for Nuclear Security workshop.

Graduate Intern, Bureau of International Security and Nonproliferation

Mar 2016 – May 2016

United States Department of State
Washington, D.C.

- Examined concepts within Export Control and Related Border Security (EXBS) Program to understand the role of strategic trade controls in countering proliferation efforts.
- Updated database of country specific EXBS activities, events, and trainings that occurred between 2013 and 2016.
- Attended meetings; interacted with key stakeholders (different federal agencies, foreign officials, and other State Department offices); and drafted memos covering panel discussions.
- Conducted preliminary research on potential EXBS partner countries.

TECHNICAL PAPERS AND PRESENTATIONS

- **Mitra, P.**, Garrison, L., Taalbi, M., Bradshaw, J., Silverman-Wise, N. (2019) Approaches to Radiological Security through Alternative Technology Conversion. Abstract accepted as a presentation for 8th Institute of Nuclear Materials Minimization Management/European Safeguards Research & Development Association Meeting in Tokyo, Japan from 7-10 October, 2019.
- Taalbi, M., Garrison, L., **Mitra, P.**, Silverman-Wise, N. (2018) Supporting the Global Momentum for Alternative Technologies: A Radiological Security Approach. Poster created for International Atomic Energy Agency Ministerial Conference on Nuclear Science and Technology: Addressing Current and Emerging Development Challenges Meeting in Vienna, Austria from 28-30 November, 2018.
- **Mitra, P.**, Taalbi, M. (2018) National Security and Blood Banks: Public Private Partnerships on Alternative Technologies for Cs-137 Blood Irradiation. Poster presented at 35th International Congress of the International Society of Blood Transfusion Meeting in Toronto, Canada from 2-6 June, 2018.

OTHER PROFESSIONAL EXPERIENCE

Project Controller

Nov 2020 – Mar 2022

Sandia National Laboratories
Livermore, CA

- Partnered with technical leads to execute project schedule development and provided recommendations on the integration of cross-project elements related to non-nuclear design under the W80-4 Life Extension Program.
- Analyzed estimate to complete forecasts by utilizing project controls tools and recommended corrective actions.
- Utilized project management techniques to detail cost and schedule analysis in variance reporting.
- Administered changes to schedule and budget by ensuring all changes were documented via the official change control process.
- Researched and evaluated project information and presented project controls status to internal and external stakeholders.

Human Resources Coordinator

Apr 2015 – Mar 2016

NBCUniversal
Washington, D.C.

- Managed spring, summer, and fall intern cohorts; completed the intern onboarding process.
- Researched and analyzed company-wide jobs data to create and develop annual Federal Communications Commission Report.
- Worked with labor union representatives to process new-hire paperwork and conducted orientations for new employees.
- Drafted offer letters for staff hires, initiated background checks, and processed weekly timesheets for

employees and interns.

Graduate Intern

Jan 2015 – Mar 2015

United States Trade Representative
Washington, D.C.

- Analyzed qualitative and quantitative data on international trade issues and labor rights challenges in efforts to develop chapter summaries within the Trans-Pacific Partnership Agreement.
 - Created briefs and memos on the history of labor unions and free trade agreements.
 - Prepared legal research pertaining to domestic and international implementation and enforcement of labor laws.
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LEADERSHIP EXPERIENCE

Nuclear Scholar, Project on Nuclear Issues

Jan 2022 – Jun 2022

Center for International and Strategic Studies

- Engaged in dialogue with senior experts on nuclear weapons issues to deepen understanding of policy, technical, and operational aspects of the nuclear enterprise as well as develop and present new concepts and ideas.
- Produced online research products that explored international radiological security topic; article series titled “How to Target Cancer and Security with Safe and Secure Radiation Technologies.”

Undergraduate Applicant Interviewer

Nov 2020 – Present

Cornell Alumni Admissions Ambassador Network

- Hold informational contact meetings with applicants to help enhance understanding of Cornell and provide admissions committee with additional perspectives on applicants.

Director of Global Partnership

Jan 2018 – Present

Pratit International - 501(c)(3) non-profit organization dedicated to bridging global health disparities by serving indigent areas in Kolkata, India plagued by poor infrastructure, low literacy levels, and heavy disease burden.

- Conceptualize strategic initiatives to continue growing international exchange between academic medical centers.
 - Develop and implement partnership strategies to expand opportunities with organizations to operate mobile clinics within vulnerable slum communities.
 - Coordinate the management of ongoing relationships to expand partnership capabilities in working with underserved communities in India.
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ADDITIONAL KNOWLEDGE, SKILLS, AND ABILITIES

Analysis and Reporting

- Ability to synthesize project schedule and cost data and produce reports and track variances.
- Analyze project schedule on a routine basis by generating and analyzing what-if scenarios.

Research

- Evaluate project information and recommend practical solutions to project issues.
- Analyze, compile, and validate project specific data from a variety of sources to meet on-demand needs.

Communication

- Able to convey information via verbal and written communication and presentation skills.
 - Ability to communicate across disciplines and serve as an integrator of cross-project elements.
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AWARDS/RECOGNITION

Employee Recognition Award (2018)

Achieved recognition for management of United States Department of Energy/National Nuclear Security Administration, Office of Radiological Security Cesium Irradiator Replacement Project.

Office of Defense Nuclear Nonproliferation Award (2017)

Achieved recognition for completion of United States Department of Energy/National Nuclear Security Administration fellowship program.
