LIDA HADIDI, PhD, PMP®

Vancouver, BC | hadidi.lida@gmail.com | linkedin.com/in/lidahadidi

TECHNICAL LEADER | PROJECT MANAGER | PEOPLE LEADERSHIP

Technical Leadership | Stakeholder Engagement & Reporting | Project Delivery & Continuous Improvement

PMP-certified professional with hands-on experience delivering complex technical programs in advanced battery materials, from early-stage development through pilot-scale implementation. Proven track records serve as the primary point of contact for external customers and partners, and leading cross-functional technical teams through complex challenges. Deep domain expertise in battery materials technology and hands-on technical leadership, combined with strong stakeholder communication and a track record of delivering strong outcomes in a fast-evolving industry.

CORE COMPETENCIES

Materials & Battery Technology R&D | Technical Program & Portfolio Leadership | Project Delivery & Customer Management | Team Building, Hiring & Mentoring | Government-Funded Program Management| Strategic & Client Partnership Development | Technical Reporting & Executive Communication

WORK EXPERIENCE

Nano One Materials Corporation | Burnaby, BC
Technology Director *February 2022 – March 2026*

- Led delivery of multiple lithium-ion battery materials technology programs from proof-of-concept through pilot-scale implementation, overseeing schedules and technical risk across the full project lifecycle.
- Served as the primary point of contact for external industry clients and partners throughout project execution, building trusted relationships and ensuring customer requirements and contractual objectives were clearly understood and achieved.
- Directed a multidisciplinary team of up to 35 scientists, team leads, and a lab manager, managing scope, staffing, and cross-functional coordination to keep programs on schedule.
- Prepared and delivered project status reporting to senior leadership, clients, and funding bodies, covering schedule progress, technical risks, and key decisions.
- Contributed to a portfolio of government-funded programs (SR&ED, Mitacs, NRC-IRAP) that secured over $40M in program funding, overseeing proposal development and ongoing coordination with funding bodies and external partners.
- Established seven collaborative partnerships with Canadian universities and industry co-development partners, managing multi-stakeholder relationships throughout program delivery.
- Designed and implemented governance frameworks and standardized reporting processes across the program portfolio, improving project visibility and reducing administrative overhead by 30%.

Nano One Materials Corporation | Burnaby, BC
Research Manager *January 2021 – February 2022*

- Managed four concurrent technology programs, coordinating cross-functional teams, technical milestones, and external collaborations.
- Designed and improved research and onboarding workflows to support staff development and program execution.
- Led recruitment, onboarding, and development of research staff; managed direct reports across scientific and technical roles.

Nano One Materials Corporation | Burnaby, BC
Senior Scientist & Team Lead *July 2019 – January 2021*

- Led a team of 4 scientists in advanced battery materials research, with hands-on responsibility for experimental design, materials characterization (SEM, EDS, FTIR, XRD), and electrochemical testing (EIS, cyclic voltammetry) to evaluate material performance and degradation.
- Mentored junior team members on characterization techniques and experimental methodology.

- Collaborated with internal and external partners to align technical outputs with product and application requirements.

University of Montreal, Dept. of Chemistry | Montreal, QC
Industrial Postdoctoral Fellow *March 2018 – July 2019*

- Led a multi-organization collaborative research program (University of Montreal, École Polytechnique, Johnson Matthey), coordinating project activities, timelines, and stakeholder communication across academic and industrial partners.
- Mentored junior researchers and students involved in the collaborative program.

Applied Quantum Materials Inc. | Edmonton, AB
Research Scientist *December 2016 – July 2017*

- Developed silicon- and silica-based nanomaterials for energy and semiconductor applications, performing hands-on materials characterization (SEM, EDS, FTIR, XRD) to support early-stage commercialization.
- Wrote technical proposals and reports for government and industry stakeholders, securing research funding and establishing strategic partnerships.

EDUCATION

Doctor of Philosophy (Ph.D.) Inorganic Chemistry, Nanomaterials & Applications | 2016
University of Alberta, Edmonton, AB
Held a Graduate Teaching and Research Fellowship, supporting instruction and mentoring of undergraduate and graduate students.

Master of Science (M.Sc.) Nano Chemistry | 2010
University of Tehran, Tehran, Iran

Bachelor of Science (B.Sc.) Chemistry | 2005
Payame Noor University, Tehran, Iran

CERTIFICATIONS

- Project Management Professional (PMP)
- TAP Leadership Development
- Lean Agile 5S White Belt

PROFESSIONAL DEVELOPMENT & COURSES

- Opening Doors Foundation mentor partner
- Generative AI Overview for Project Managers
- Talking to AI: prompt engineering for project managers
- Introduction to cognitive project management in AI (CPMAI)™
- M.O.R.E. Essentials

RESEARCH, TEACHING & ACADEMIC ENGAGEMENT

- Graduate Teaching and Research Fellowship — University of Alberta.
- Mentored scientists and researchers at multiple career stages across academic and industry settings.
- Peer-reviewed publications across inorganic chemistry, nanomaterials, and lithium-ion battery materials.
- Presenter at academic and industry conferences on advanced materials and energy storage topics.
- Mary Louise Imrie Graduate Student Award — University of Alberta.