Research Scientist R&D – Experimental Scientist in Advanced Technology
Location: Plymouth, MN

We are looking for an exceptional experimental scientist to join our Advanced Technology team!

You will have the unique opportunity to explore new paradigm-changing technologies that have potential to shape future products for the Aerospace industry. This is an exciting and distinctive opportunity to operate on the frontier of microsystem sensor development, ranging in technology readiness (TRL) 1 – 6.

Who you are:

- An emerging technology leader with capacity to gradually take on more leadership roles, including both technical and programmatic
- Mostly an experimentalist, but can develop theoretical models from first principles of physics
- Enjoys working in the lab but has skills outside of the lab too
- Enjoys working in a research environment and innovating new technology solutions
- Comfortable engaging project sponsors and stakeholders
- Exhibits ambitious ownership of career goals and has a desire to engage an entrepreneurial spirit.
- Both able to work independently but also be a great team player
- Thrives in a fast-pace environment
- Willingness to learn about the aerospace business and develop business acumen

What you must have:

- Masters Degree plus 4 years of experience in industry or academic research or Ph.D. degree in Electrical Engineering, Optical Engineering, Physics, Applied Physics, or equivalent
- US Citizenship or US Permanent Residency
- Demonstrated expertise in 2 or more of the below fields and/or skills within in the last 4 years:
  - MEMS
  - RF electronics
  - Atomic clocks or atomic sensors
  - Stabilized laser systems
  - Nonlinear optics
  - Quantum systems
  - Micro-optics
  - Silicon photonics
  - Design and analysis with multi-physics analysis tools
  - Electronic circuit design
  - Fiber optics
  - Photonics
  - Novel materials

Would be a plus if you also have:

- Track record of innovation and solving hard, complex problems
- Previous experience working TRL 1 – 6 development efforts
- Broad laboratory skills
- Broad software toolbox for data acquisition, data analysis, design, modeling, and/or simulation.
- Previous experience with US government funding
- Excellent written and communication skills

This position Includes:

- Competitive compensation
- Flexible work schedule
- Fun, collaborative environment
- Relocation
- Some travel
- Opportunities to: present and publish work, develop intellectual property, grow your professional network, participate in personal and professional development

Apply online at http://www.careersathoneywell.com/  Job ID: 309386

Honeywell is an equal opportunity employer. Qualified applicants will be considered without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality, sex, religion, or veteran status.