MARSHALL FACULTY FELLOWSHIP PROGRAM

JUNE 8, 2015 – AUGUST 14, 2015

Application Deadline May 18, 2015

The Marshall Space Flight Center is offering Faculty Fellowships for qualified STEM faculty at U.S. colleges and universities to conduct research with NASA colleagues during a ten-week residential program in Huntsville, Alabama.

- Faculty Fellows will receive stipends of $15,000 (Assistant Professor, Research Faculty), $17,000 (Associate Professor), or $19,000 (Professor).
- A relocation allowance of $1,500 will be provided to those fellows who live more than fifty miles from MSFC and a $500 travel supplement for one round-trip.
- Applicants must be U.S. citizens who hold full-time teaching or research appointments at accredited U.S. universities or colleges.
- During the ten-week program, fellows are required to conduct their research on-site at the Marshall Space Flight Center.

Women and under-represented minorities, and persons with disabilities are encouraged to apply.
# Application

## 2015 Marshall Faculty Fellowship Program

**NASA Marshall Space Flight Center**

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**Starting Date at MSFC:** June 8, 2015

**Ending Date at MSFC:** August 14, 2015

(Ending Date should be at least 10 weeks after start date above – please add additional weeks if you will need time off.)

**Designated MSFC Area of Concentration in Which You Wish to be Engaged (choose from attached list):**

**Name & Contact Info of MSFC Researcher with whom you have been in contact (if known):**

Please attach a resume and this application form to an e-mail and send it to Rachael Damiani at rachael.damiani@uah.edu by the deadline of May 18, 2015. If you have any questions, please call (256) 824-6076.

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**Applicants Signature**

**Date**

**Printed Name**
Marshall Space Flight Center

Areas of Concentration

Propulsion Systems
- Launch Propulsion Systems
- In-Space Propulsion (Cryogenics, Green Propellants, High Pulse Power, Electric, Nuclear – Thermal, Solar Thermal, Solar Sails, Tethers
- Propulsion Test beds and Demonstrators
- Cryogenic Fluid Management
- Rapid Affordable Manufacturing of Propulsion Components
- Composite Structures
- Materials Research

Space Systems
- Fission Surface Power
- In-Space Habitation with Emphasis on Life Support Systems and Nodes/Elements
- Mechanical Design & Fabrication
- Small Affordable ISS Payloads
- In-Space Asset Management (Automated Rendezvous & Capture, De-Orbit, Orbital Debris Mitigation)
- Thermal Protection

Space Transportation
- Advanced Manufacturing/Digital Manufacturing
- Space Environmental Effects and Space Weather
- Lander Systems and Technologies
- Small Spacecraft and Enabling Technologies (Nanolaunch Systems)
- 3D Printing / Additive Manufacturing/Rapid Prototyping
- Meteoroid Environment
- Friction Stir Welding

Science
- Replicated Optics
- High Energy Astrophysics (X-ray, gamma ray, cosmic ray)
- Heliophysics
- Interstellar & Planetary Dust
- Radiation Mitigation/Shielding
- Next Generation Observatories
- Earth / Atmospheric Science
- Severe Storms Research
- Climate Dynamics
- Lightning Research
- Remote Sensing
- Planetary Geophysics/Atmospheres