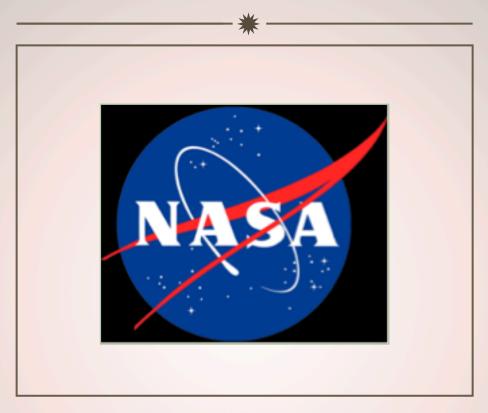
# MARSHALL FACULTY FELLOWSHIP PROGRAM

JUNE 6, 2016 - AUGUST 12, 2016



Application Deadline February 15, 2016



- 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 onsite at the Marshall Space Flight Center.

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

### **Application**

## 2016 Marshall Faculty Fellowship Program NASA Marshall Space Flight Center

Full Name:	
Permanent Home Address:	
Email Address:	
Home Telephone:	
Cell Telephone:	
Applicant's University Name and Work Address:	
Present Academic Rank/Position:	
Area of Current Research or Interest:	
Work Telephone:	
Fax Number:	
Date of Birth:	
Citizenship:	
Gender:	
Ethnicity (optional):	
Starting Date at MSFC:	June 6, 2016
Ending Date at MSFC:	August 12, 2016
	t 10 weeks after start date above – please add additional weeks if need time off for a conference or vacation
Designated MSFC Area of Concentration in Which You Wish to be Engaged (Choose from attached list Marshall Areas of Concentration; area should match your research expertise)	
Name & Contact Info of MSFC Researcher with whom you have been in contact (if any – not required):	
	is application form to an e-mail and send it to Rachael Damiani at he deadline of February 15, 2016. If you have any questions,
Applicant's Signature	Date
Printed Name	

#### **Marshall Space Flight Center**

#### **Areas of Concentration**

#### **Propulsion Systems**

- Launch Propulsion Systems
- In-Space Propulsion (Cryogenics, Green Propellants, Nuclear Thermal, Solar Thermal, Solar Sails, Tethers, Methane
- Propulsion Test beds and Demonstrators
- Cryogenic Fluid Management
- Rapid Affordable Manufacturing of Propulsion Components
- · High Temperature oxygen and hydrogen composite research
- Materials Research

#### **Space Systems**

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

#### **Space Transportation**

- · Advanced 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 and Ultrasonic Welding
- Advanced closed-loop life support systems
- Composites
- Wireless Systems

#### **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

MSFC Point of Contact: Frank Six, 256-961-0678 Frank.Six@nasa.gov

November 2015