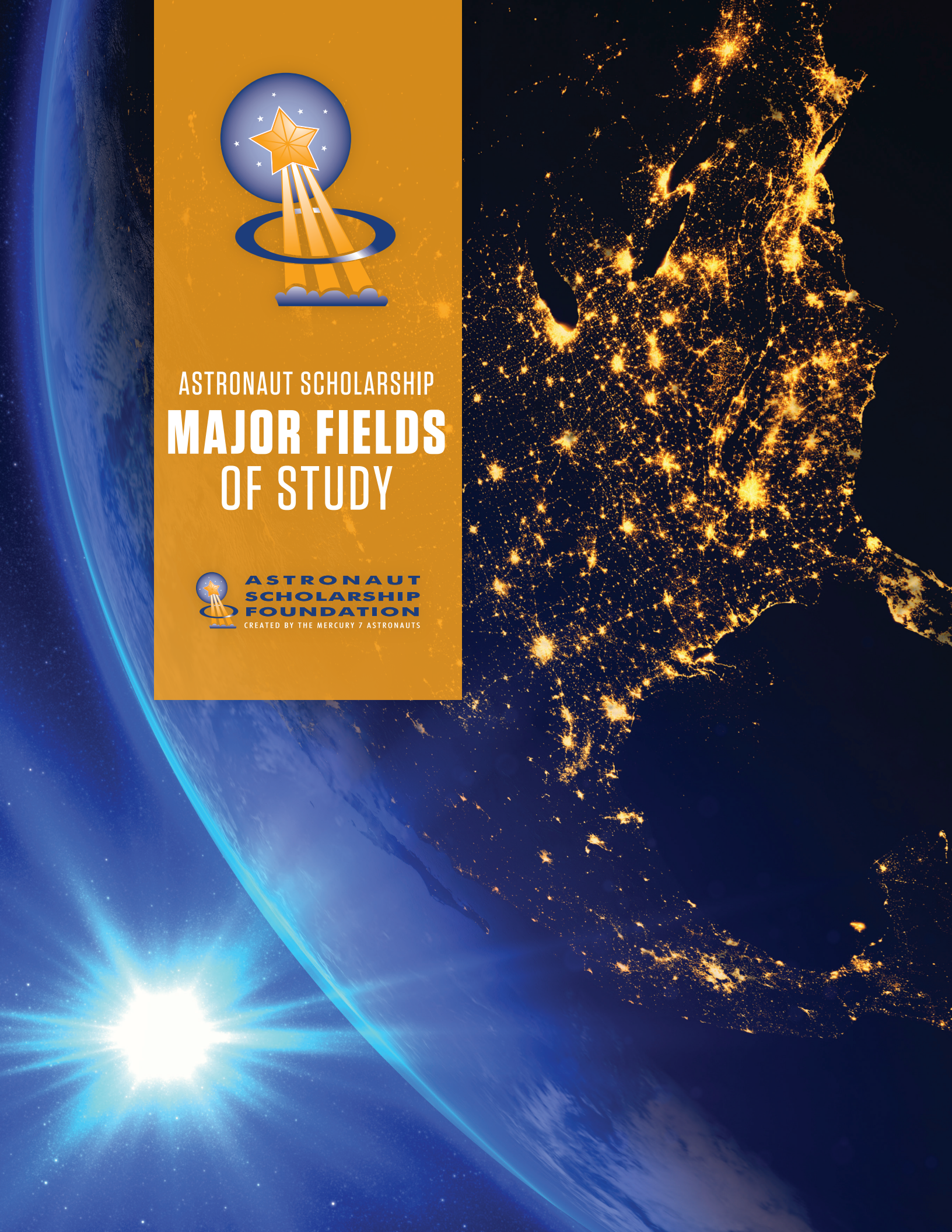

ASTRONAUT SCHOLARSHIP

MAJOR FIELDS OF STUDY

ASTRONAUT SCHOLARSHIP FOUNDATION

CREATED BY THE MERCURY 7 ASTRONAUTS

ASTRONAUT SCHOLARSHIP MAJOR FIELDS OF STUDY

APPROVED PROGRAMS

This list is based upon the National Science Foundation Graduate Research Fellowship Program listing of approved fields of study with the exception of Psychology, Social Sciences, and STEM Education and Learning Research which are specifically excluded from ASF Scholarship eligibility. (https://www.nsf.gov/pubs/2018/nsf18573/nsf18573.htm)

CHEMISTRY

Chemical Catalysis
Chemical Measurement and Imaging
Chemical Structure, Dynamics, and Mechanism
Chemical Synthesis
Chemical Theory, Models and Computational Methods
Chemistry of Life Processes
Environmental Chemical Systems
Macromolecular, Supramolecular, and Nanochemistry
Sustainable Chemistry
Chemistry, other (specify)

COMPUTER AND INFORMATION SCIENCES & ENGINEERING

Algorithms and Theoretical Foundations
Bioinformatics and other Informatics
Communication and Information Theory
Computational Science and Engineering
Computer Architecture
Computer Networks
Computer Security and Privacy
Computer Systems and Embedded Systems
Data Mining and Information Retrieval
Databases
Formal Methods, Verification, and Programming Languages
Graphics and Visualization
Human Computer Interaction
Machine Learning
Natural Language Processing
Robotics and Computer Vision
Software Engineering
CISE, other (specify)

ENGINEERING

Aeronautical and Aerospace Engineering
Bioengineering
Biomedical Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Electrical and Electronic Engineering
Energy Engineering
Environmental Engineering

ENGINEERING (CONTINUED)

Industrial Engineering & Operations Research
Materials Engineering
Mechanical Engineering
Nuclear Engineering
Ocean Engineering
Optical Engineering
Polymer Engineering
Systems Engineering
Engineering, other (specify)

GEOSCIENCES

Aeronomy
Atmospheric Chemistry
Biogeochemistry
Biological Oceanography
Chemical Oceanography
Climate and Large-Scale Atmospheric Dynamics
Geobiology
Geochemistry
Geodynamics
Geomorphology
Geophysics
Glaciology
Hydrology
Magnetospheric Physics
Marine Biology
Marine Geology and Geophysics
Paleoclimate
Paleontology and Paleobiology
Petrology
Physical and Dynamic Meteorology
Physical Oceanography
Sedimentary Geology
Solar Physics
Tectonics
Geosciences, other (specify)

LIFE SCIENCES

Biochemistry
Bioinformatics and Computational Biology
Biophysics
Cell Biology
Developmental Biology
Ecology
Environmental Biology
Evolutionary Biology
Genetics
Genomics
Microbial Biology
Neurosciences
Organismal Biology
Physiology
Proteomics
Structural Biology
Systematics and Biodiversity
Systems and Molecular Biology
Life Sciences, other (specify)

MATERIALS RESEARCH

Biomaterials
Ceramics
Chemistry of Materials
Electronic Materials
Materials Theory
Metallic Materials
Photonic Materials
Physics of Materials
Polymers
Materials Research, other (specify)

MATHEMATICAL SCIENCES

Algebra, Number Theory, and Combinatorics
Analysis
Applied Mathematics
Biostatistics
Computational and Data-enabled Science
Computational Mathematics
Computational Statistics
Geometric Analysis
Logic or Foundations of Mathematics
Mathematical Biology
Probability
Statistics
Topology
Mathematics, other (specify)

PHYSICS & ASTRONOMY

Astronomy and Astrophysics
Atomic, Molecular and Optical Physics
Condensed Matter Physics
Nuclear Physics
Particle Physics
Physics of Living Systems
Plasma Physics
Solid State
Theoretical Physics
Physics, other (specify)

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