Proposed Mars 2020 Mission: Key Features

- Seek signs of past life
- Benefit from design heritage of Curiosity rover
- Collect a returnable cache of samples using a coring system
- Use efficient surface operations, one Mars-year lifetime
- Prepare for human exploration
- Explore a geologically diverse landing site
- Confirm ancient habitability of site
- Make coordinated measurements, in context, down to microscopic level
- Improve Entry, Descent, Landing technology for precise landing