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**RPPR Final Report**  
as of 18-Feb-2021

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Proposal Number: 76325CHCF

**Agreement Number: W911NF-20-1-0025**

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**Report Date:** 14-Oct-2020

Date Received: 17-Feb-2021

**Final Report** for Period Beginning 15-Feb-2020 and Ending 14-Jul-2020

**Title:** 60th Sanibel Symposium. The Theory Meeting for Theoreticians: The Next Sixty Years

**Begin Performance Period:** 15-Feb-2020

**End Performance Period:** 14-Jul-2020

**Report Term:** 0-Other

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**Distribution Statement:** 1-Approved for public release; distribution is unlimited.

**STEM Degrees:**

**STEM Participants:**

**Major Goals:** Sponsorship of the Sanibel meeting - oldest meeting exclusively devoted to theory- gives an opportunity to showcase the ARO basic research program's commitment to the development of basic science programs in the US academic institutions. ARO's sponsorship of enables post-docs and graduate students participation by covering their travel and other costs.

**Accomplishments:** The Sanibel Symposium on Quantum Chemistry, Dynamics, Condensed Matter and Materials Physics was held from February 16th to February 21st, 2020 on St. Simons Island, GA at King and Prince Hotel. 352 scientists attended.

The conference included 53 lectures presented in 11 plenary and 5 invited sessions.

Plenary and Invited sessions covered important progress in the core areas of Electronic Structure Theory, Condensed Matter, Dynamics, and Biological Application. In addition to poster presentations, the Sanibel format allowed for up to thirty 15-minute oral presentations, assigned on a hot-topic basis, in order to allow more opportunities for collaborative learning and discussion among Symposium attendees.

**Training Opportunities:** These meetings provide PostDocs and Graduate Students the opportunities to engage in interdisciplinary discussions with the outstanding keynote speakers and with their peers from other countries and areas.

**Results Dissemination:** The proceeding of the meeting will be published in the special issue of Molecular Physics and copies will be provided to the sponsor as soon as it appears in print.

**Honors and Awards:** Nothing to Report

**Protocol Activity Status:**

**Technology Transfer:** Nothing to Report

**PARTICIPANTS:**

**Participant Type:** PD/PI

**Participant:** Rodney Bartlett

**Person Months Worked:** 1.00

Project Contribution:

**Funding Support:**

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as of 18-Feb-2021

International Collaboration:  
International Travel:  
National Academy Member: N  
Other Collaborators:

FINAL REPORT, ARO W911NF-20-1-0025

FOR THE SUPPORT OF THE 60<sup>TH</sup> SANIBEL SYMPOSIUM, 2020

(02/15/2020– 07/14/2020)

Rodney Bartlett (PI)

University of Florida

In January 1961, a scientific meeting organized by the University of Florida's Quantum Theory Project (QTP) was held on Sanibel Island, FL. Now 60 years later, that meeting, the "Theory Meeting for Theoreticians," remains the largest annual meeting in the field.

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These meetings provide PostDocs and Graduate Students the opportunities to engage in interdisciplinary discussions with the outstanding keynote speakers and with their peers from other countries and areas.

It was also a great opportunity for us all to honor the Sanibel “Magnificent Seven” (all attended the 1<sup>st</sup> Sanibel Meeting) who were kind enough to join us and to share their knowledge and experiences.

All attendees are encouraged to submit papers to the Sanibel proceedings, published by Molecular Physics. Over the years, the Sanibel proceedings have enjoyed an attractive impact factor, as many of the first papers in now well-known developments appeared there, and each year there are new candidates.

The ARO funds were distributed as follows:

Registration fee support for the Graduate Students and PostDocs	\$11,500.00
Travel Awards for Graduate Students and PostDocs	\$3,500.00
Total	\$15,000.00