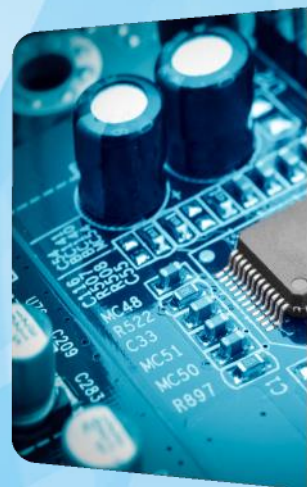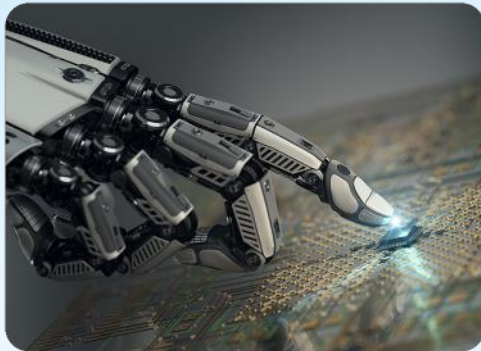# IEEE Region 3 SoutheastCon 2021

Region 3 Section / Pandemic Projects

Grayson Randall

Region 3 Projects Coordinator

13 March, 2021

IEEE
Advancing Technology for Humanity

Projects

Why to do projects

➢ Engage volunteers with hands on projects
- Our members want to make a better world

➢ Challenge volunteers to solve problems
- Engineers love to solve problems

➢ Engage section, chapters, student branches, and the public
- Use all your resources

➢ Opportunity to engage with / give back to your community
- "Advancing Technology for Humanity"

Projects

What are some types of projects?

IEEE Tag line: Advancing Technology for Humanity

➢ Robotics

➢ Education / STEM

➢ Technology

➢ Community needs

➢ Enabling the disabled

Call for Pandemic Proposals

Fall 2020

➢ Develop a Section based team to solve a problem associated with a pandemic

➢ Problem / Solution must align with the IEEE Fields of Interest

➢ Should include section members / chapters / community

➢ Funding up to $1,000 per project based on submission requirements

◇ IEEE

Current Funded Projects

Region 3 support

Title	Group	Section
Social Distancing Tracking System	University of Technology, Caribbean Maritime University, Digicel Jamaica Limited	Jamaica
Automated COVID-19 Temperature Sensor	University of West Indies - Student chapter	Jamaica
Pandemic Desk Shields	WIE	Jamaica
Sanitizing Drone	Valencia College	Orlando
Autonomous Surface Disinfection Robot	University of Central Florida	Orlando
Pandemic Member Support	Section	Melbourne
COVID-19 Hackathon: Global Challenges, Novel Solutions	Section	Richmond

Additional information on Region 3 website: https://ewh.ieee.org/reg/3/
or Google "IEEE Region 3"

Projects in 2021

Start a project

➢ The R3 Projects committee is considering funding additional projects in 2021 and would like to see your interest in another round of projects / funding.

➢ **Supporting the new normal (*invent, design, experiment, support*)**

Suggestions for projects:

- Hybrid meetings
- Hybrid K-12 Education (for the teacher, students, and/or family)
- Virtual tours
- Family-based STEM experiences and interactions

➢ Please take our survey to indicate your interest in starting a project in 2021: https://forms.gle/WYjhQ9YcHiw5C1Tu9 (Also available from R3 website – Pandemic Projects)

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Region 3 Projects Committee

2021

➢ Members: David Green, Bill Ratcliff, Grayson Randall (chair)

➢ Here to assist you with your projects:
  - Help you define a project for your group
  - Help you to find funding
  - Suggest resources in IEEE that might assist you

➢ Contact Grayson Randall g.randall@ieee.org with any questions

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IEEE Region 3 SoutheastCon 2021

Thank you!

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