

**Rensselaer Polytechnic Institute**  
**Cost Estimate Summary: One Year**  
**Period: (10/1/17-09/30/18)**

**Proposal No. 9783**

**Aug-17**

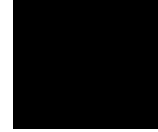
**PERSONNEL**

Principal Investigator (J. Wen)  
summer - 3 wks @ 100%

Co-PI (J. Christian)  
academic - 9 mos @ 11%

Sr. Research Engineer (G. Saunders)  
calendar - 12 mos @ 5%

Graduate Research Assistant(s)  
tuition (1.5 )  
stipend (1.75)



49,725  
52,000

**TOTAL PERSONNEL PAYMENTS**

**\$133,190**

**FRINGE BENEFITS @ 29.1%**

9,156

**TRAVEL**

Domestic: to Greenbelt MD (4 trips) & Morgantown WV  
(1 trip)

8,300

Foreign: ICRA - Australia; IROS- Spain

9,600

**OTHER DIRECT COSTS**

Lab Supplies  
Materials  
Supplies

12,000  
1,000

**TOTAL DIRECT COSTS**

**\$173,246**

**INDIRECT COSTS @ 62%**

76,583

**TOTAL FUNDS REQUESTED**

**\$249,829**