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Grants

I have received seventeen grants. I have been PI for 15 of these grants and I have been Co-PI for the other two. Total values of my grants exceed two million dollars. I will explain:

- **REU (over \$600,000.00)**

1. UT Tyler REU

I have been PI for one REU grant from NSA to establish UT Tyler Math REU program for summers 2007 and 2008 (joint with two other faculty members)

2. Clarkson-Potsdam REU

I was PI for five REU grants from NSF , and I was a PI for four REU grants from NSA. We used these grants to establish and direct the ClarksonPotsdam Institute for Undergraduate Research Experience (joint with several other faculty members). The program has transformed the summer months into productive months for both faculty members and undergraduate students involved (Summer 1997-Summer 2005).

3. Clarkson-Potsdam RET

I expanded our REU program to include high school teachers (Summer 2000). Our program helped high school teachers sharpen their mathematical skills, learn more mathematics, and join the mathematical community.

Note: All of our REU program in particular has helped new faculty members with their research and scholarly work.

- **CONFERENCES (over 65,000.00)**

I have been PI for five conference grants from NSF and PI for three conference grants from NSA. These two conferences have been very successful. They attract speakers and participants from all over the world. These conferences brought experts and graduate students, from many different disciplines, together. And now the details.

1. Recently, I received a grant from NSF (PI), (joint with Louis Kauffman, Samuel Lomonaco, and Debbie Koslover) to co-organize a conference/ workshop on Interactions between Representation Theories, Topology, and Mathematical Physics, and Quantum Information, Oct. 2009.

2. I received a grant from NSF (PI), (joint with Louis Kauffman, Samuel Lomonaco, and Debbie Koslover) to co-organize a conference/ workshop on Interactions between Representation Theories, Topology, and Mathematical Physics, and Quantum Information, Sept. 2007. The Proceeding of this conference is going to be published by American Mathematical Society.

3. I received funding from NSA (Co-PI) to co-organized a conference on current development in Mathematical Biology (joint with R. Culshaw and C. boucher), during Oct. 2005).

The Proceeding of this conference was published by World Scientific.

4. NSF and NSA grant (joint with louis Kauffman and Georgia Benkart) to co-organize a conference/ workshop on Interactions between Representation Theories, Knot Theory, Topology, and Mathematical Physics, at SUNY Potsdam, during June 2003.

5. NSF and NSA grant (joint with louis Kauffman and Georgia Benkart) to co-organize a conference/ workshop on Interactions between Representation Theories, Knot Theory, Topology, and Mathematical Physics, at SUNY Potsdam, during July 2002.

- **Stem Program** (\$1,500,000)

I have also recently been a Co-PI on a grant received from State of Texas to create a center for Science, Technology, Engineering, and Mathematics for East Texas.

- **Other External Grants**

I have received four Grants from Potsdam University (Potsdam, Germany) to visit Germany to collaborate with Professor K. Denecke. The results of our collaboration has appear in *Discussiones Mathematicae*.

- **Internal Grants**

I have also received many internal (SUNY Potsdam) research and travel grants.