



# **Plasma Physics Junior Faculty Development Program**

**Budget Planning Meeting**

**Darlene Markevich**

**March 17, 2004**



# **Junior Faculty Development Program**



**Solicitation Notice closed December 9, 2003**

**Grant applications under review**

**Decisions in May**

## Office of Fusion Energy Sciences Junior Faculty Development Program Survey

Number of Awards by year: 1997-5; 1998-2; 1999-2; 2000-3, 2001-3; 2002-3; 2003-3

Results	YES	NO	Additional Information or Comments
Were you awarded an OFES National Undergraduate Fellowship (NUF)? <b>Initiated 1992</b>	1-02		
Were you awarded an OFES Graduate Fellowship? Science <b>Initiated 1985</b> or Technology <b>Initiated 1980</b> ?	1-97 1-02(did not accept)		Awarded Technology fellowship, but turned it down for NSF to pursue physics rather than engineering(02)
Were you awarded an OFES Postgraduate Fellowship? <b>Initiated 1986</b>	2-97 2-01 1-02 2-03		Did not apply because the fusion program falling apart(97)
Did you receive an Office of Science/Presidential Early Career Award for Scientists and Engineers? <b>Initiated 1996</b>	1-00 2-03		
Were you selected by DOE to attend a Lindau meeting for Nobel Laureates and Students? What year? <b>Initiated 2000</b>		All Years	Attended in 2000 thru NIST(01)
Were you selected by DOE for any other Fellowships or Awards? Which one?	2-97 1-01		DOE-DP Presidential Early Career Award(97); DOE Distinguished Postdoctoral Fellow(97); DOE Comp.Sci.Grad. Fellow(01)
Have you received tenure?	All 97,98, 99 2-00	1-00 All 01,02, 03	1-00 in process, not in U.S. inst.



## Comments

Jr. Fac. pgm. very helpful;I studied plasma physics to pursue fusion science(97)

Jr.Fac. pgm. instrumental in my career and gave me a foothold in the pgm.(97)

Very effective for my career & demonstrating to my inst. there was a serious nat'l pgm. that supported plasma physics research(97)

Awarded NSF-DOE Basic Plasma Sciences grant(98)

There is little thought given to how to segue from Jr. Fac. into longer-term grants(99)

The problem I've found w/ me and a number of my colleagues is that there's no "follow-up" to the Jr. Fac. Award. Many of us got nice awards to get a pgm. going, but had a very tough time getting continued funding either from DOE, NSF, or NASA. I don't know what the solution is – but I know I'm not alone w/ this problem(99).

Funding from DOE OFES has been very helpful(00).

The grant was a tremendous boost to me and led to perhaps 40 publications. I am continuing along the path of the funded project and will seek DOE support again(00).

Collaborated on NSF-DOE Sci. Ctr. for Magnetic Reconnection Studies(01).

Appreciate Jr. Fac. Award.

Glad OFES is promoting plasma physics in universities thru Jr. Fac., Fusion Sci. Ctr., etc. Hopeful these efforts could reverse a disturbing trend of decreasing number of plasma fac. positions in some of top universities, e.g. Cal Tech, UC Berkeley, Princeton(03).

Jr. Fac. Award is a very important program!



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Results	YES	NO	Additional Information or Comments
Were you awarded an OFES National Undergraduate Fellowship (NUF)? <b>Initiated 1992</b>	1-02	All 97,98, 99,00,01,03 2-02	Ineligible(00,03); Did undergrad outside US(02)
Were you awarded an OFES Graduate Fellowship? Science <b>Initiated 1985</b> or Technology <b>Initiated 1980</b> ?	1-97 1-02(did not accept)	4-97 All 98,99, 00,01,03 2-02	Ineligible(00,03); NSF grad. fellow(01); Awarded Technology fellowship, but turned it down for NSF to pursue physics rather than engineering(02); Allowed to bring non-US fellowship to US(02)
Were you awarded an OFES Postgraduate Fellowship? <b>Initiated 1986</b>	2-97 2-01 1-02 2-03	3-97 All 98,99, 00,03 1-01 2-02	Did not apply bec. fusion pgm. falling apart(97); Ineligible(00,03); NRC postdoc (01); Hired almost directly into tenure track position (02)
Did you receive an Office of Science/Presidential Early Career Award for Scientists and Engineers? <b>Initiated 1996</b>	1-00 2-03	All 97,98, 99,01,02 2-00 1-03	Ineligible(00,03);
Were you selected by DOE to attend a Lindau meeting for Nobel Laureates and Students? What year? <b>Initiated 2000</b>		All Years	Attended in 2000 thru NIST(01)
Were you selected by DOE for any other Fellowships or Awards? Which one?	2-97 1-01	3-97 All 98,99, 00,02,03 2-01	DOE-DP Presidential Early Career Award(97); DOE Distinguished Postdoctoral Fellow(97); DOE Comp.Sci.Grad. Fellow(01)