

Welcome CHARA Colleagues



February 29 – March 2, 2012
CHARA Collaboration Year Eight Science Review
Atlanta, Georgia



Some Introductory Remarks



Hal McAlister

February 29

*CHARA Collaboration Year Eight Science Review
Atlanta, Georgia*



Observatoire
de la CÔTE d'AZUR

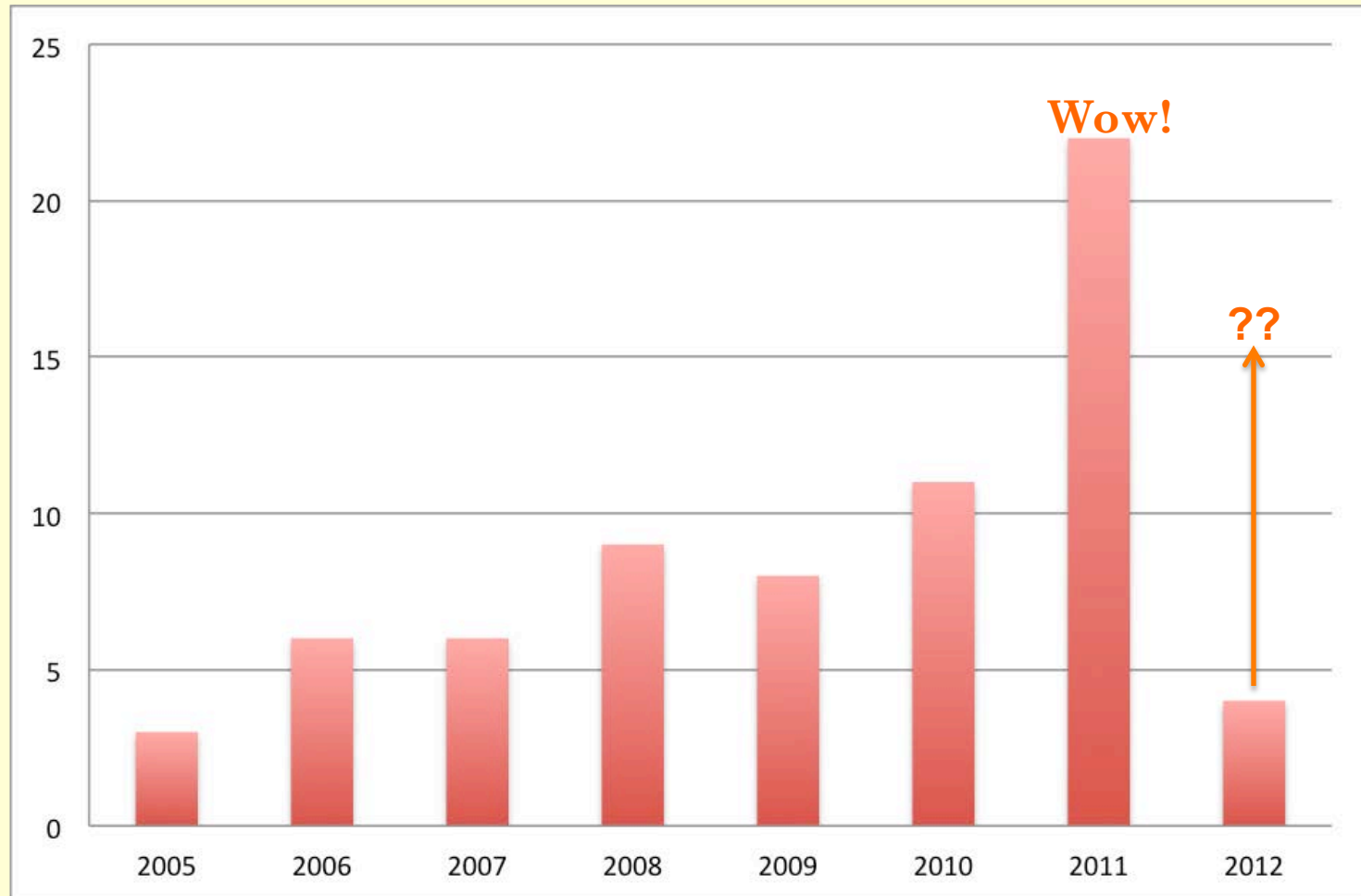
The Last Time We Gathered...

At our 7th "Annual" Meeting, Atlanta, Same Time Last Year

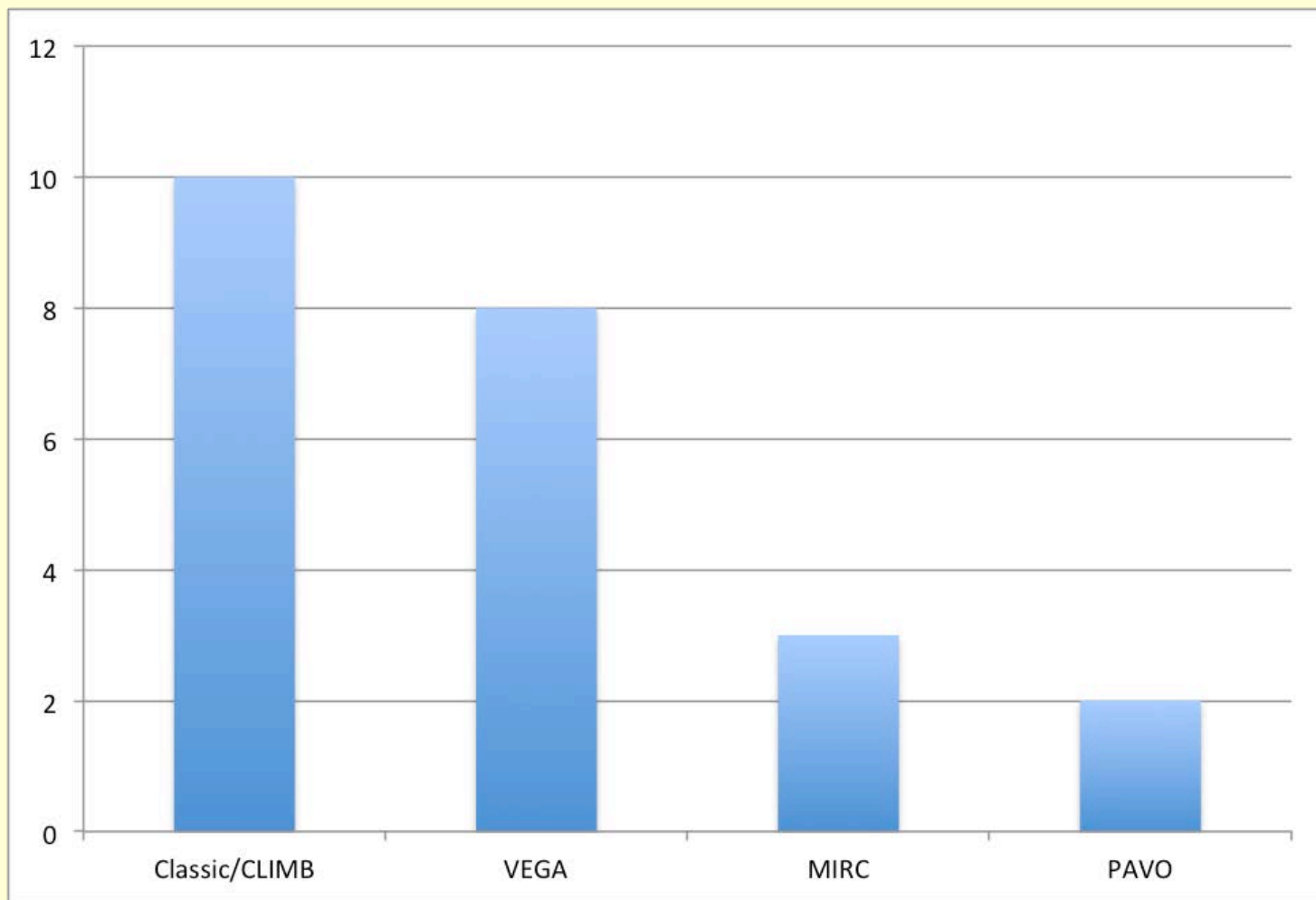


CHARA Refereed Papers

2011 was quite a year!



2011 Instrument Contributions



Refereed Papers – A Friendly Comparison

275 from US Interferometers

Project	Interval	# Papers	P/yr
ISI UC Bekeley	1991.1 2011.8	36	1.7
IOTA Harvard/ Smithsonian	1995.1 2010.6 Closed 6/2006	67	4.3
NOI U.S. Naval Observatory	1997.8 2010.5	46	3.6
PTI Caltech	1998.8 2010.9 Closed 12/2008	57	4.7
CHARA	2005.5 2012.2	69	10.3

CHARA Capital Costs

GSU/State Funding:

ETACT (Ga. Lottery)	\$5,373,000
COAS (FY 95-03)	\$859,932
GSURF (Kapteyn Renov.)	\$33,100
CIF/RPE	\$41,158
GSU Contingency	\$100,000
Subtotal	\$6,407,190

NSF Funding:

Preliminary Design	\$746,600
Construction Funding	\$6,248,015
Overhead Return	\$44,124
Subtotal	\$7,038,739

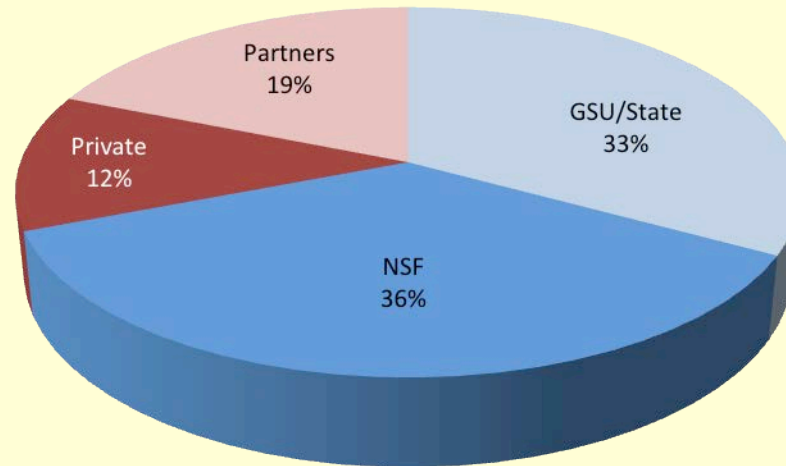
Private Funding:

W.M. Keck Foundation	\$1,663,093
Packard Foundation	\$615,289
Kelly Gift	\$40,000
Arrington Gift	\$10,000
Subtotal	\$2,328,382

Subsequent Value Added:

Paris Obs. FLUOR	\$400,000
Nice Obs. VEGA	\$1,500,000
U.Mich MIRC	\$1,500,000
U.Sydney PAVO	\$280,000
Subtotal	\$3,680,000

Total Capital Cost: \$19,454,311



Actual Construction Expenditure 1995-2003: \$15.77M

Appraised Post-Station Fire Replacement Cost: \$34.29M

CHARA FY12 External Funding

College of Arts & Sciences:

Personnel Support	\$401,705
Supplies & Travel*	\$116,477
Subtotal	\$518,182

H.A. McAlister as PI:

NSF Personnel Support	\$286,429
Hubble Fellow (Boyajian)	\$108,097
MWI Operating Agreement	\$12,645
Indirect Cost Returns	\$40,860
Subtotal	\$448,031

T.A. ten Brummelaar as PI

NSF Adaptive Optics	\$1,028,042
Subtotal	\$1,028,042

D.R. Gies as PI:

NSF Post Doc (Schaefer)	\$110,700
Space Grant(Touhami)	\$14,000
NASA GRA (Richardson)	\$10,000
Subtotal	\$134,700

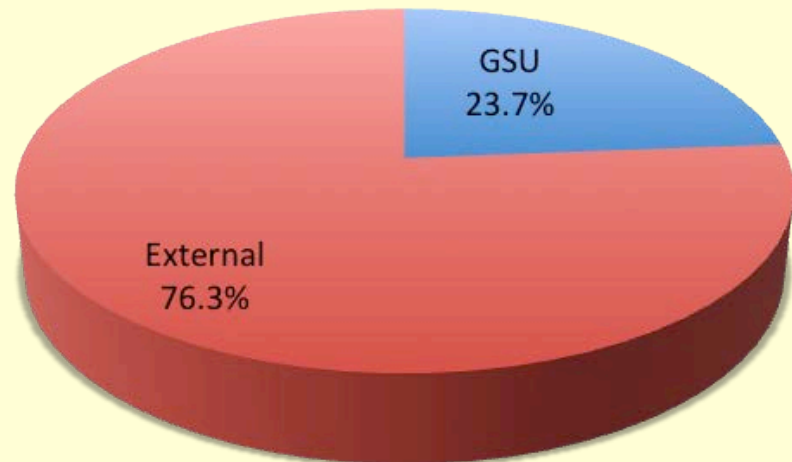
R.J. White as PI

NSF A Star Research	\$54,000
Subtotal	\$54,000

Total FY 2012

CHARA Funding	\$2,182,955
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CHARA FY 2012 Funding



Funding Realities

“It was the best of times, it was the worst of times ...”

- **GSU operational funding is flat & has probably maxed out –**
We are somewhat less special than before & current indirect cost sharing arrangements may be reduced
- **Site Fees to MWI are likely to increase –**
Two of our science neighbors on the mountain may close this year
- **NSF Operational Funding is Probably Maxed Out –**
Our grant is large (~\$275K) per year for AAG PI-type grants
- **CHARA was picked last year as a ReSTAR Partner by NOAO –**
This would have significantly increased staffing, but ReSTAR proposal to the NSF was judged unrealistic for now
- **I sent recommendation to NSF AST Portfolio Review:**
Include interferometry in University Radio Observatory program
- **DARPA Galileo Program Opportunity –**
CHARA seems like an ideal platform to demonstrate some of the program's goals

Funding Realities

“It was the best of times, it was the worst of times ...”

Should we be worried?

Not right now ...

... Instead, let's worry this
afternoon in our
last session today



*CHARA Research Sponsored
by*

**National Science Foundation
GSU College of Arts & Sciences
plus resources obtained
by the
CHARA Collaboration Members**



*Here's to a productive
2012!*

