



Connecting Mathematical Scientists in
Business, Industry, Government, and Academia

CAREER CONNECTIONS CHECKLIST

	Inventory Check if you do this	Costs: difficulty \$ time Rate as LOW, MED HIGH	Action Items Check priorities
<u>INFORMATION AND COMMUNICATION</u>			
Announce BIG career opportunities via email listserv			
Invite recruiters to visit department			
Collect data on alumni careers and paths			
List math society job boards on dept website			
Encourage students to create profiles on job sites			
Work/communicate with career services			
Connect students and faculty with BIG Math Network website			
Share math employment stats with faculty and students			
Collect (and keep evergreen) data on local BIG employers			
Invite BIG mathematicians to provide curriculum review and advice			
<u>OPPORTUNITIES AND EVENTS</u>			
Hold résumé critiquing session			
Conduct mock industry interviews			
Career panel – visitors and/or alums (could be via videolink)			
Organize on-campus internships in other depts./labs			
Sponsor coding workshops			
Sponsor trips to local BIG employers			
Host industrial mathematics workshop			
Offer credit for industrial experiences / projects (eg capstone)			
Invited talk by mathematical scientist in BIG career			
<u>FACULTY</u>			
Identify faculty with experiences in BIG			
Connect students with BIG mentors			
Incentivize faculty development (eg PIC Math, study groups, online courses, class auditing, boot camps, networking)			
Award prize for industrial research			
Hire BIG mathematician to teach an industry-focused course			
Provide/require public speaking courses			

CHECK OUT OUR NETWORK BLOG/WEBSITE: bigmathnetwork.wordpress.com

Blogposts * Links to Jobsites * Training Opportunities * BIG Math Conferences * Employment Data