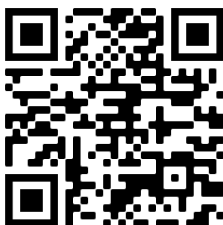# BUILDING BIG CONNECTIONS

checklist for departments

	Inventory are you doing this already?	Costs time & money LOW/MED/HIGH	Action establish priorities
COMMUNICATION			
Announce BIG career opportunities via email/slack/discord			
Encourage students to join LinkedIn & university job board			
Invite industry recruiters to visit the department			
Develop connections with local BIG employers			
Maintain and post data about alumni careers			
Publicize academic employment stats to students and faculty			
Advertise industrial mathematics workshops and programs			
Promote BIG Math Network website to students and faculty			
EVENTS			
Organize resume critiquing sessions			
Plan activities with the campus career office			
Conduct mock industry interviews			
Run career panels with guests/alums (could be online)			
Host talks by mathematical scientists in BIG careers			
Sponsor coding workshops			
Arrange trips to local BIG employers			
Offer credit for industrial experience/projects (e.g. capstone)			
FACULTY DEVELOPMENT			
Identify faculty members with experience in BIG and make use of their connections			
Connect students with faculty in other departments for lab experiences			
Incentivize faculty development related to industry (e.g. PIC Math, Mathematical Problems in Industry (MPI), online courses, boot camps, networking)			
Employ BIG mathematicians to teach industry-focused courses			
Award faculty prizes for industrial research			

Student Resources:

Department Resources: