



UNOLS Council Meeting

7-8 March 11

National Science Foundation

Tech Recruitment & Retention Pilot Program
Update



MT At-Sea Training Cruise

- *R/V Melville* - 9-13 June 11
 - Working with SIO to put together the Agenda.
 - Main course - Practical Multibeam Course (Appelgate & UH HMRG)
 - Other courses (as recommended from Tech Managers) will be filled in as time allows. Some ideas:

▪ ADCP	▪ <u>Transducer Impedance Test</u>
▪ <u>HiSeasNet</u>	▪ Tools
▪ Wire Termination "Show & Tell"	▪ Isotope handling onboard
▪ Gravimeter	▪ R2R
▪ Fleet Broadband	▪ Over the Side rigging
▪ Knudsen 3260 <u>Echosounder</u>	▪ Met Systems & Data
▪ CTD Calibration	▪ Data Acquisition Systems
	▪ UCSW systems



MT At-Sea Training Cruise

- Attendance:
 - Currently ~15 Trainees are expected
 - We are hoping to get trainers from several institutions including SIO, UH, Miami, WHOI, LDEO, NOAA (SAMOS)
 - An invitation has also gone out to the USAP/RPSC Marine Group



Technician Exchanges

- **MLML** MT worked on the ***RV Kilo Moan*** in January 2011.
- **WHOI** MT worked ashore at **OSU** in January.
- 2ea **USCG** MSTs will be working on the ***RV Sharp*** this spring.
- **SIO** MT will work on the ***RV Sharp*** in March 2011.
- **RPSC** MT to work at **BIOS** in April 2011.
- **UW** MT will work on the ***RV Cape Hatteras*** in June 2011
- Various technicians have expressed interest on working on the ***RV Langseth***. Specifics are TBD.



Training & Education Survey

- Survey Completed –Summary of Results
 - 47 Responses from current UNOLS MTs/Tech Mgrs
 - Approximately 55-60% return
 - 53% indicated they have been an MT for <1-5years
 - 56% indicated their post-secondary education was in science
 - 51% said they had sufficient training to do their job
 - 95% said they would like more training
 - Compiling lists of beneficial course and those the MTs would like to attend



UNOLS/MATE Internship

- Applications Received:
 - 30 complete applications
 - 13% ethnic minority
 - 37% female
 - 43% from MATE Partner colleges
 - 27% from community colleges
 - 10% past MATE interns
- An incredible group of applicants!



UNOLS/MATE Internship

- Tami Lunsford and Alice Doyle narrowed the list down to 10 applicants.
- RVTEC ad-hoc subcommittee narrowed the list down to 5 applicants.
- Duke and WHOI chose the final candidate – Kyle McDermott
 - AS in Marine Technology from Cape Fear Community College (CFCC)
 - 52 days at sea on the *RV Dan Moore* working with various instrumentation
 - Assistant Instructor at CFCC after graduation



UNOLS/MATE Internship

- Schedule:
 - Duke and on *RV Cape Hatteras*:
 - January and May – June 2011
 - WHOI
 - 7 Feb – early March 11 – ashore
 - 9 Mar – 8 Apr 11 – *RV Oceanus*
 - 10 Apr – 4 May 11 – *RV Knorr*



UNOLS/MATE Internship

- 2nd Internship Funded!
 - March through July at OSU
 - OSU reviewed the final 4 candidates and chose - Erik Arnesen
 - BS Geology, Minor Math from Sonoma State University
 - US Navy – 1999-2004 (2 years sea time)
 - Geology field experience
 - Practical mechanical experience
- Future MATE funding is not secured



Best Practices/Documentation Depot

- “Best Practices” term was not well received at RVTEC meeting
- Name changed to “Documentation Depot”
- Working with Tech Managers and others within the community to get input for the website
- Current Outline
- Do not want to create a page that goes unused so any input is worthwhile!



Recruitment/Outreach

- Forwarding Job Postings to Ocean Leadership and MATE for posting
- Forwarding Job Postings to students/technicians who have shown interest in working in UNOLS
- Sending resumes to the Tech Managers
- New Idea – Send UNOLS Job postings to all the UNOLS Representatives for further distribution
- A UNOLS MT will be featured on the SeaGrant Marine Careers page.
- Where else can we post jobs to get the word out?



Salary Survey

- Completed Salary Survey within the fleet for Compensation per Day at Sea (only)
 - Just about every institution pay their techs differently
 - “Ranking” of the institution (as far as how high or low they pay within the fleet) changes greatly when all factors are accounted for:
 - Normalization of workday to 12hr/day
 - Total Compensation taken into account (ie Fringe added)
 - Cost of living adjustments



Other Projects / Ideas

- Tech Pool – On hold.
- Marine Technician specific PCA
- Outreach –
 - Continue discussions with institutions and technicians
 - Always interested in outreach ideas
- Web-based Pre-cruise planning form for interested institutions



Always interested in ideas and constructive criticism!

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