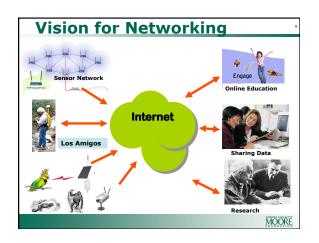
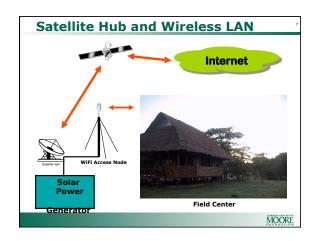


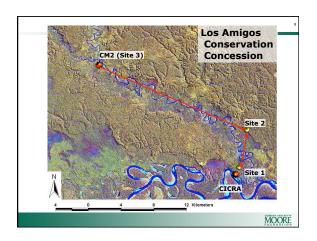
## Most Grants in Initiatives Long term programs with multiple grants where the total is greater than sum of parts Andes Amazon Wild Pacific Salmon Marine Microbiology Marine Conservation Special Commitments CalTech Conservation International Nursing (limited to Bay Area) Thirty Meter Telescope

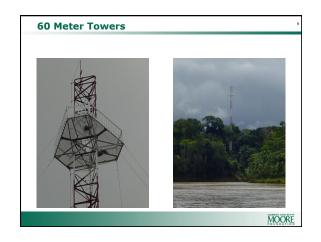
Networking A Remote Amazon Rain Forest Research Site



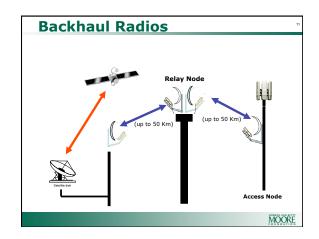


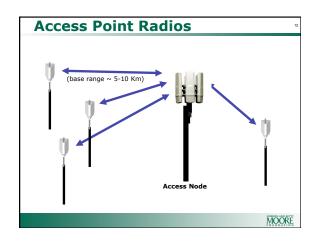


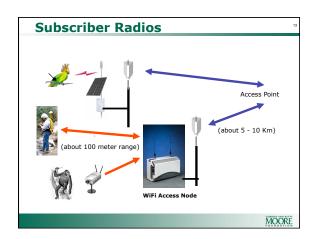






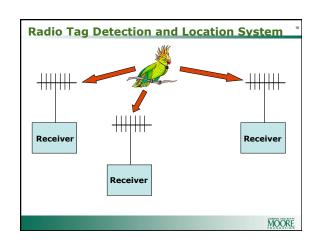


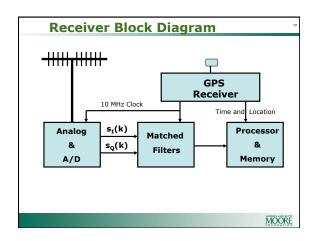


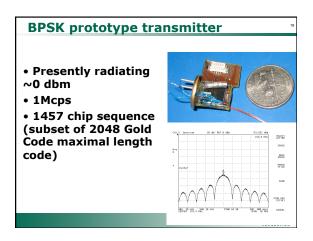


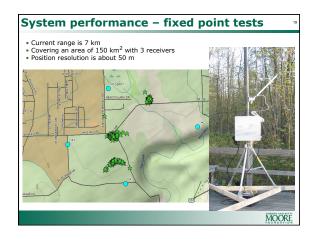


## What are we building? Allows researchers to monitor the position of animals in real time Completely automated Thousands of animals can be monitored simultaneously Uses much lower power tags and allows longer lifetimes for comparable weights





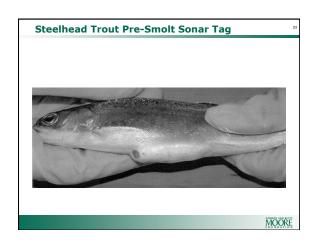


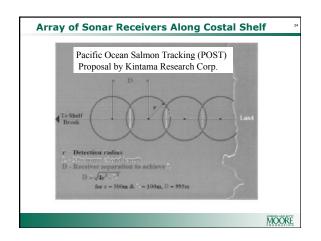


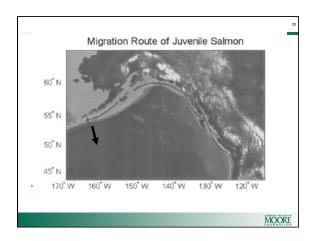


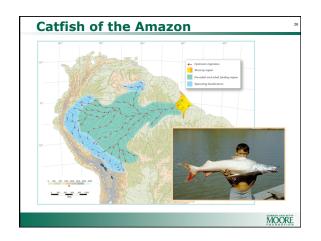
## Tracking Juvenile Salmon in British Columbia



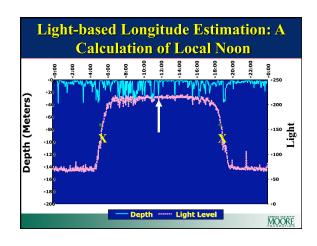


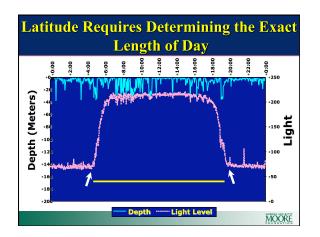


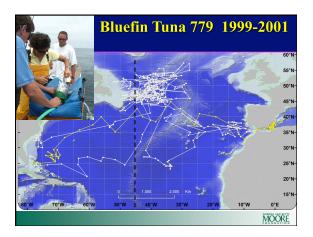


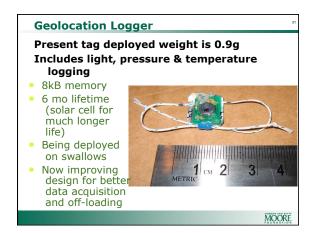


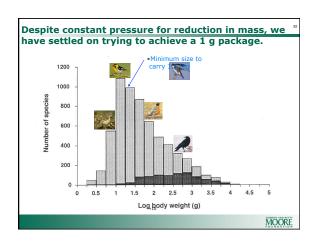






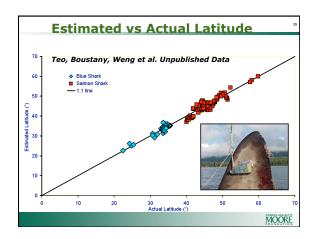


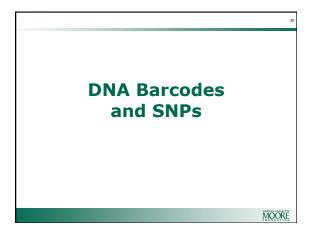


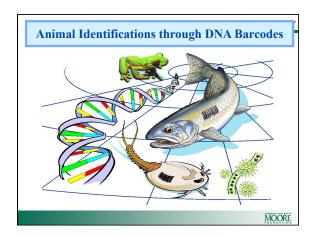


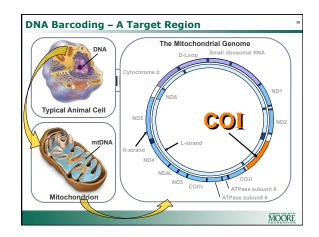


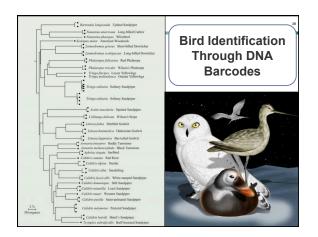




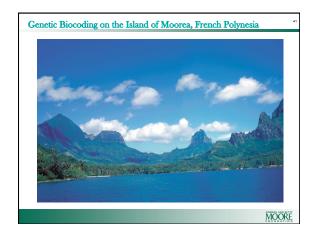












## Bear populations in the North Pacific Grizzly and black bear population study Dogs used to find scat left by bears SNPs analysis used to determine family of bears in area Determine species, gender, and individual identities Collection of Salmon SNPs data for rivers in North Pacific UW school creating open-access databases Individual salmon can be identified with spawning river Samples from fishing fleets to local markets

