Alumni-Student Careers Forum
A Career in Environmental Consulting

• Lucas Goldstein, P.G., E.I.T., Senior Engineer
  • B.A. Geology, UC Berkeley, 1994
  • M.A. Geology, UC Berkeley, 1996
  • M.Sc. Environmental Engineering, McGill, 2004
  • Exploration Geologist
    • Homestake Mining Company, 1994-1995
  • Geologist/Geotechnical Engineer
    • Pinnacle Technologies, 1996-1998
  • Environmental Consultant, Geologist/Engineer
    • ENVIRON Summer 1994
    • LFR 1998-2002 and 2004-present
LFR Inc.

- ~400 staff in 18 offices nationwide
  - geologists,
  - engineers,
  - regulatory specialists / scientists,
  - database, GIS, and CADD specialists, web designers

- Comprehensive service offerings in
  - Environmental Management
  - Environmental Investigation and Remediation
  - Engineering (civil, environmental, process, geotechnical)
  - Ecological Restoration
## LFR Service Areas

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Environmental Investigation and Remediation

- Environmental Site Assessment - Phase I and Phase II
- Risk Assessment
- Remedial Investigations and Feasibility Studies
- Fate and Transport Modeling
- Remedial Design and Construction
- Site Closure
Investigation and Remediation of Dry-Cleaners
Litigation Support

- Detailed Evaluation of Case/Site Information
- Assistance in Developing Litigation Strategy
- Technical Analysis of Data
- Site Investigations to Support Case Strategy
- Computer Modeling and Visualization
- Evaluate Alternative Cost Allocation Methods
- Expert Testimony
- Preparation of Exhibits/Courtroom Graphics
Compliance / Regulatory Affairs

- Compliance Management
- Facility Audits / Assessments
- Regulatory Support
- Permitting and Regulatory Submittals
- Plan and Program Creation and Implementation
- Record-Keeping / Reporting / Commitment Tracking
- Employee Training
- In-plant Services
Land Development and Real Estate Services

- Due Diligence - Building, Site, Project
- Master / Specific Plan Preparation
- Infrastructure Master Planning and Phased CIPs
- Wetlands Investigation and Planning
- Mergers and Acquisitions / Portfolio Audits
- Impaired Property Transactions / Redevelopment
- Brownfields Redevelopment
Environmental consulting can be a good starting point for a career in other related sectors such as:

- **Energy**: Chevron, KMEP, PG&E, Calpine, etc
- **Industry/Manufacturing**: Clorox, Novartis, Mine reclamation, Mine Operation, Aggregates
- **Environmental Services**: Waste Management, NRC, etc
- **Transportation**: CalTrans, Port of Oakland, AC Transit, BART
- **Government**: City of Oakland, Alameda County
- **Regulatory**: RWQCB, DTSC, EPA, Air Districts
Interested? What to do your senior year....

• Supplement coursework with electives: environmental statistics, engineering (fluid mechanics, groundwater, biochemistry/geochemistry), ecology, soil physics, etc

• Apply for internships at environmental consulting firms

• Attend or present at a National Ground Water Association, Groundwater Resources Association of California, or Battelle Conferences

• 40 Hr HAZWOPER training

• Start your job search early.... and be persistent
Environmental Consulting Firms with Strong Bay Area Presence

- CH2M Hill [http://www.ch2m.com](http://www.ch2m.com)
- Shaw / IT Group [http://www.theitgroup.com](http://www.theitgroup.com)
- URS [http://www.urscorp.com](http://www.urscorp.com)
- Camp Dresser and McKee [http://www.cdm.com](http://www.cdm.com)
- MACTEC [http://www.mactec.com](http://www.mactec.com)
- ERM [http://www.erm.com](http://www.erm.com)
- Malcolm Pirnie [http://www.pirnie.com](http://www.pirnie.com)
- Arcadis/G&M [http://www.arcadis.nl](http://www.arcadis.nl)
- Brown and Caldwell [http://www.brownandcaldwell.com](http://www.brownandcaldwell.com)
- ATC [http://www.atc-enviro.com](http://www.atc-enviro.com)
- Golder Associates [http://www.golder.com](http://www.golder.com)
- CRA [http://www.craworld.com](http://www.craworld.com)
- O’Brien and Gere [http://www.obg.com](http://www.obg.com)
- SECOR [http://www.secor.com](http://www.secor.com)
- LFR [http://www.lfr.com](http://www.lfr.com)
- SCS [http://www.scseng.com](http://www.scseng.com)
- Kennedy/Jenks [http://www.kennedyjenks.com](http://www.kennedyjenks.com)
- GeoSyntec Consultants [http://www.geosyntec.com](http://www.geosyntec.com)
- ENVIRON [http://www.eqm.com](http://www.eqm.com)
- Jones and Stokes [http://www.jonesandstokes.com](http://www.jonesandstokes.com)
- Kleinfelder [http://www.kleinfelder.com](http://www.kleinfelder.com)
- Parsons Brinckerhoff [http://www.pbworld.com](http://www.pbworld.com)
- Geomatrix [http://www.geomatrix.com](http://www.geomatrix.com)
- ESA [http://www.esaassoc.com](http://www.esaassoc.com)
- and others
My first geologist job after Cal