



Amy Torres

Chemist

Ph.D. analytical chemist with 18 years across specialty chemicals, agchem, and contract manufacturing environments. Currently manage a 22-person analytical services group supporting three business units. Track record of building method development capability, running audit-ready labs, and hiring scientists who stay.

CONTACT INFORMATION



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KEY SKILLS

- Analytical leadership, budgeting, hiring
- LC-MS/MS, GC-MS/MS, ICP-MS, GPC
- Method development and validation, ICH Q2/Q3
- Nitrosamine and genotoxic impurity strategy
- ISO 17025, cGMP, 21 CFR Part 11
- Regulatory inspection support (FDA, EPA)
- Capital planning and instrument justification
- Talent development, technical mentoring
- Empower, Chromeleon, LabWare LIMS

PROFESSIONAL EXPERIENCE

Analytical Services Manager | Keldwyn Advanced Materials, Wilmington, DE
2019 - Present

- Manage a 22-scientist analytical group (\$3.8M annual budget) supporting polymers, coatings, and electronic materials R&D.
- Built out an LC-MS/MS capability from scoping to installation, adding revenue-recognized service to two internal business units within 14 months of scope approval.
- Reduced average external testing spend by roughly 28% year over year by bringing ICP-MS trace metals and GPC in-house.
- Own the lab's ISO 17025 accreditation; passed the last two surveillance audits with zero major findings.
- Hired 9 scientists in three years with 1 regretted departure; run quarterly technical development reviews for the whole group.

Principal Scientist, Method Development | Corvasa CDMO, Philadelphia, PA
2014 - 2019

- Served as analytical lead on 11 client programs from Phase I through commercial validation.
- Developed a genotoxic impurity method (LC-MS/MS) that became the site's reference procedure for nitrosamine risk assessments.
- Represented the site as analytical SME in three pre-approval inspections; no 483 observations against method development.
- Chaired the Method Review Board and set the criteria for when a method moves from R&D to QC.
- Published two peer-reviewed papers and presented at Pittcon in 2017 and 2018.

Senior Chemist, Method Development | Corvasa CDMO, Philadelphia, PA
2010 - 2014

- Developed stability-indicating methods across 20+ small molecule APIs and finished products.
- Led the site's move from Empower 2 to Empower 3, including revalidation strategy for legacy methods.
- Ran the forced degradation training for six chemists, covering how to design the stress study and read the resulting impurity profile.
- Recognized with the CEO's Technical Excellence Award in 2013.

Chemist II, R&D | Halberd Agrosiences, Greensboro, NC
2007 - 2010

- Ran residue analysis on soil and plant matrices using GC-MS/MS and LC-MS/MS in support of EPA registration studies.
- Contributed analytical data to two successful Section 3 registrations.
- Wrote the site's first electronic notebook rollout plan; adopted across the R&D group the following year.

EDUCATION

Ph.D., Analytical Chemistry, University of North Carolina at Chapel Hill, 2007

B.S., Chemistry, Howard University, 2001