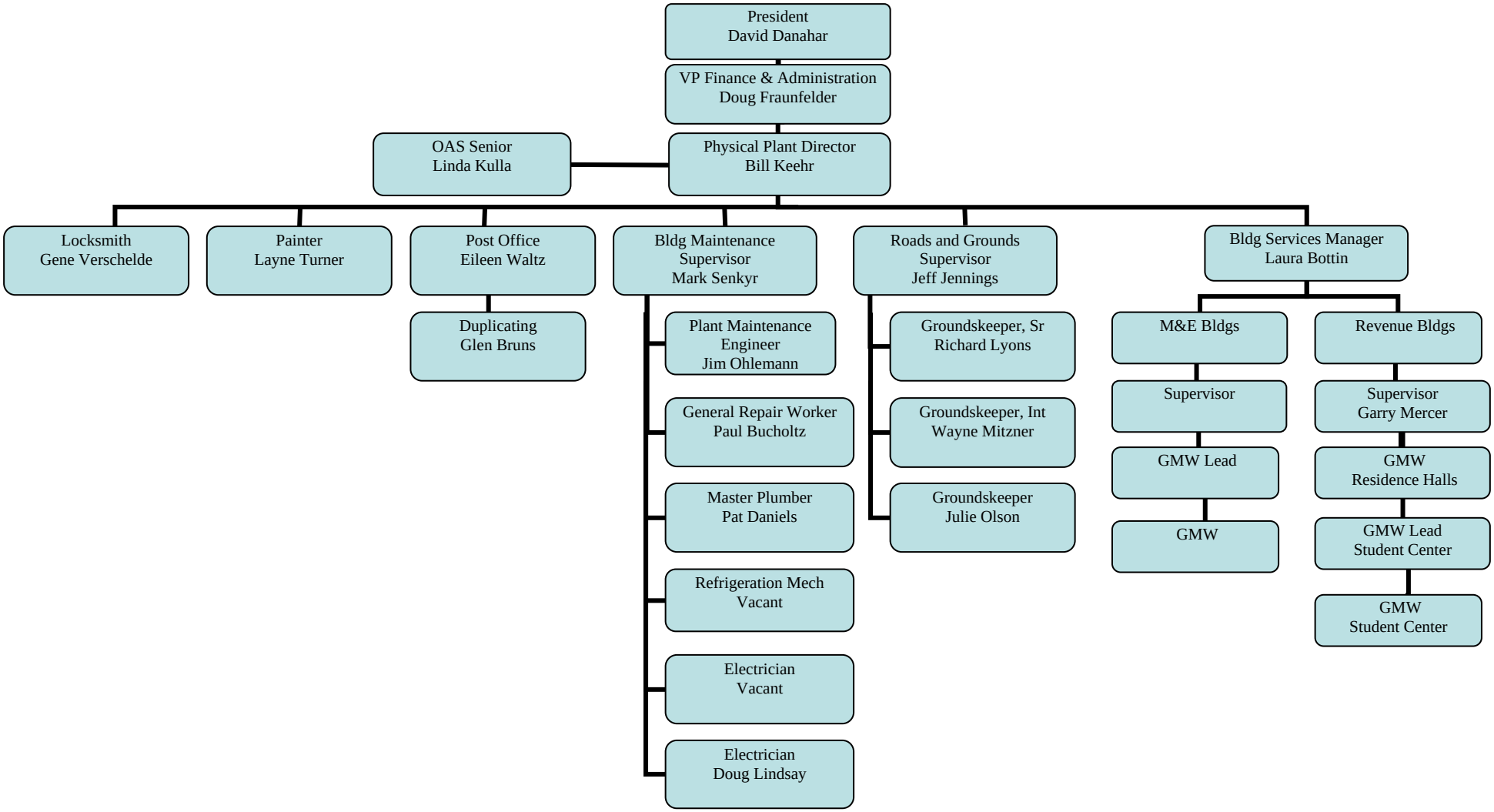Physical Plant Operations