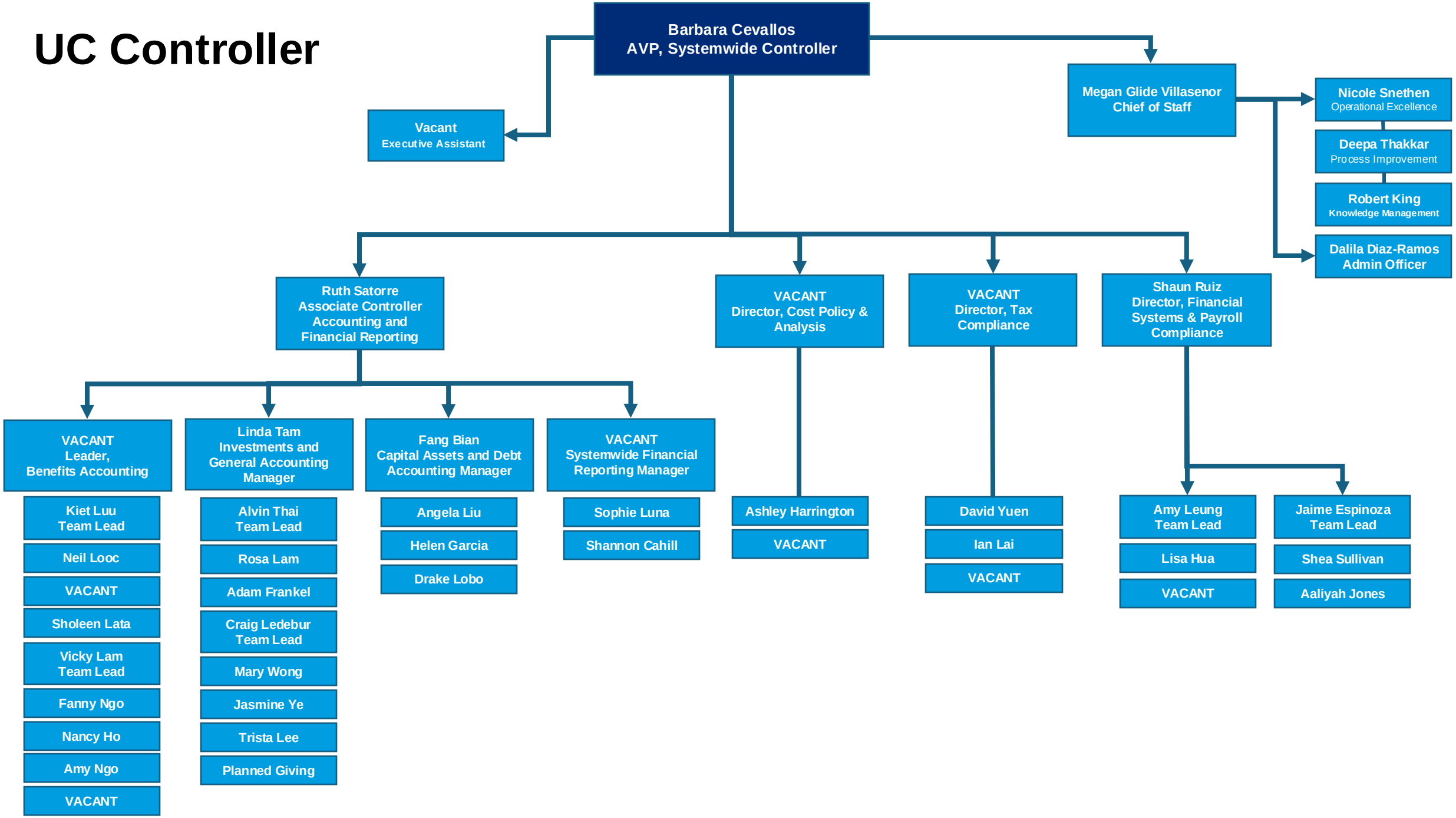UC Controller