svg("E:PctWhiteFaculty.svg", width=10, height=6, pointsize=15)

range <- 1:7

rank <- rev(c("Professors", "Associate professors", "Assistant professors", "Instructors", "Lecturers", "Other faculty", "TOTAL"))

n.white <- rev(c(145207,114804,115381,70171,32808,94215,572586))

n.nonwh <- rev(c(35404,37463,44822,23327,8790,35135,184941))

pct.white <- 100\*n.white/(n.white+n.nonwh)

par(mfrow=c(1,1), mar=c(6,8,5,1))

plot(NULL, axes=F, xlab="", ylab="", xlim=c(0,100), ylim=c(1,8), xaxs="i", yaxs="i", main="")

rect(0,range, 100, range+1, col="gray85", border="black", lwd=2)

rect(0,range, pct.white, range+1, col="blanchedalmond", border="black", lwd=2)

axis(1, at=seq(0,100,10), label=seq(0,100,10), mgp=c(0,0.25,0), cex.axis=0.8, las=1, tick=FALSE)

axis(3, at=seq(0,100,10), label=seq(0,100,10), mgp=c(0,0.25,0), cex.axis=0.8, las=1, tick=FALSE)

axis(2, at=range+0.5, label=rank, mgp=c(0,0.5,0), cex.axis=0.8, tick=FALSE, las=1)

title("Percentage White of full-time faculty in\nU.S. degree-granting postsecondary institutions, Fall 2018", line=2)

box(lwd=2.5)

mtext("\nExcludes race/ethnicity unknown and non-resident aliens.\nData Source: U.S. Department of Education, National Center for Education Statistics, Integrated\nPostsecondary Education Data System. https://nces.ed.gov/programs/digest/d19/tables/dt19\_315.20.asp", side=1, line=4, cex=0.8, adj=0)

dev.off()