2018 Maryland Computing Education Summit Wrap-up Comments

Resources are needed!
Equitable funding for all districts to implement p-20 edu
Scholarships
Mentorship/guidance
Advocacy & awareness
Articulations to 2 year curriculum CS
More email updates
Quarterly reports
Better wifi
More heat
More curriculum
Standards
Required middle school course
Better pre-service instruction w/ relevant & authentic applications of CS & CT
Cultural differences between boys and girls
Exposure to the science skills for both teachers and students
Equitable access to resources or tools in different settings home & school
Higher level CS classes in high school for ALL
Make Cs integration a requirement in other disciplines in high school
More diversity in teachers too
A better more streamlined process for Cs professionals to enter teaching
Recruit, retain, and train new teachers
Better articulated benchmarks for K-8 CS
Continue to build a culture that values Cs at all levels p-20 and with all stakeholders admin, parents, etc.
Keep info & updates flowing for teachers twitter etc.
In-service cert. for teachers at no cost to teacher and clearly defined pathway to cert.
Industry mentors
Community outreach to train teachers
Approved standardized curricula for entire state
Incentivizing career changes with bonuses and credit for CS professional careers and certifications
Cyber for k-12
Scholarships for non-talented students
Having clear, measurable competencies for college and career readiness
Rural and high poverty districts need assistance with hardware and software
Encourage county collaborations
More training for pre-service teachers
Add CT to other discipline methods classes
More integration with science throughout p-20
More networking within districts-CTE teachers are already doing it!
Engage stakeholders by shared google drive and blogs

Combat stereotyping and gender bias
Get more tech companies involved
Work with MSDE to reach all school districts
Hold a meeting with POCs for CS from each district prior to RFP release
More info of retention for higher level CS classes
Use MSDE blackboard site
More CS classes for high school students who are not going to college but are not in CTE
Elem lessons, units, curriculum resources
Better scholarship info for students and parents
Maybe use a wiki
Better MS programs for CS teachers
Don't forget independent schools p-20
Are there any cybersecurity certification programs for educators?
Use television for awareness have teens create a local show about CS
Next summit idea should have a session on how to grow CS in and out of school hackathons, code nights, hour of code, etc.
Meeting with administrators both school and central office