

QORAAL OGAYSIIN AHAANEED

KU SOCOTA: Gudoomiyaha iyo Xubnaha  
Guddiga Dugsiyada Boston

KA SOCOTA: Nathan Kuder  
Madaxa Sarkaalka Maaliyada

MOOWDUUCA: Deeqaha La Ansixinayo

Ku taariikhaysan: Janaayo 18, 2023

Halkaan waxa Ku lifaaqan fadlan hel deeqaha si ay u ansixiyaan Guddiga Dugsiga Janaayo 18, 2023. Nuqullada buuxa ee soo jeedinta deeqda ayaa diyaar u ah dib u eegistaada waxaana lagu xareeyay Xafiiska Xog-hayaha Guddiga Dugsiyada.

Dugsiyada Dadweynaha Boston

Mary Skipper, Kormeeraha Guud

Guddiga Dugsiyada Boston

Jeri Robinson, Chair

Magaalada Boston

Michelle Wu, Duqa Magaalada



## DEEQAHA GUDDIGA DUGSIYADA

Janaayo 18, 2023

Tirada	FY	Magaca Deeqda	Xaallada	Maamulaha Lacagta	Aagga(agga) Diiradda	Goobaha
\$244,500	2023	Early College FC461	Cusub	Lydia Emmons	U Diyaarsanaanta Koleeijka iyo Shaqada	5 Goobo
\$181,800	2023	Deeq Qarsoon ee Mikroskoobka	Cusub	Nicole Guttenberg	U Diyaarsanaanta Koleeijka iyo Shaqada	Degmada dhan
\$336,000	2023	CommCorp: Hindisaha Xirfada Farsamo ahaaneed (wareegga 2 iyo 3)	Cusub	Kristen D'Avolio	Waxbarashada Dadka Waaweyn	Madison Park Adult Ed. Center
<b>\$762,300</b>		<b>Wadarta</b>				

## FOOMKA AQBALKA GUDDIGA DUGSIGA - BPS23623

Magaca deeqda: Early College Support Grants (FC461).

Heerka: Cusub

Nooca Deeqaha: Xaq u yeelashada

Taariikhaha Bilowga iyo Dhamaadka: 12/1/2022 - 8/30/2023

Isha Maalgelinta: Waaxda Waxbarashada Hoose iyo Sare

Xiriiriyaha deeq bixiyaha: Kristin Hunt

Ciwaanka deeq bixiyaha: 75 Pleasant Street, Malden, MA

Taleefanka Deeq bixiyaha: (781) 338-3000

Iimaylka Deeq-bixiyaha: Kristin.E.Hunt@mass.gov

Hogaanka Waaxda BPS iyo/ama Dugsiga(yada): Xafiiska Dugsiyada Sare

Akadeemiyada Hogaaminta Bulshada ee Boston

Brighton High School

Dearborn STEM Academy

East Boston High School

Fenway High School

New Mission High School

Maareeyaha Barnaamijka BPS: Lydia Emmons, Maamulaha Barnaamijka Early College

Madaxa Waaxda/Hoggaamiyaha Dugsiga:

Boston Community Leadership Academy: Ondrea Johnston

Brighton High School: Andrew Bott

Dearborn STEM Academy: Darlene Marcano

East Boston High School: Phillip Brangiforte

Fenway High School: Geoff Walker

New Mission High School: Will Thomas

Qadarka Abaalmarinta Sannadka: Wadarta Qadarka Abaalmarinta (haddii deeqda muddada sannad ka badan): **\$244,500**

Ikhtiyaarka nuqlinta: Maya

Qiyaastii # arday (ama macalimiinta, shaqaalaha xafiiska dhexe) ayaa u adeegay: 850

Sidee loo doortay goobahan?: Barnaamijka Hadda la Qorsheeyay ee Early College

Shuraakada Furaha ee Dibadda (haddii ay jiraan):

University of Massachusetts Boston

Kulliyadda Bulshada ee Bunker Hill

Benjamin Franklin Cummings Institute of Technology

Fisher College

Ujeedo:

Iyadoo la adeegsanayo Taageerada Deeqda Early College DESE waxay bixisaa taageerada hirgelinta barnaamijyada Early College ee sii jiray. Kaalmadani deeqda ah waxay maalgelisaa shaqaalaha, agabka waxbarashada, gaadiidka, iyo qorshaynta gunooyinka 6 dugsi sare waxayna hubisaa bixinta barnaamij tayo sare leh.

Natiijooyinka la Rabo:

1. Horumarinta iyo soo gudbinta 6 codsiyo jaamacadeed hore oo cusub oo loo gudbiyay DESE on Janaayo 16, 2023.
2. Magacaabidda iyo bilaabista 6 barnaamij oo Kulliyada Hore ah Julaay 1, 2023.

Himilooyinka Gaarka ah, La Cabbir karo, La Gaadhi Karo, La Xaqiijin karo, iyo Wakhtiga Ku Xidhan (SMART).

Yoolka # 1: Isku qor koox ka mid ah ardayda Kulliyada Hore ee dugsi kasta oo sare ee ka qaybqaata SY2024.

Tilmaame: Xogta SIMS ee Oktoobar

Yoolka # 2: Xaqiiji in 75% ardayda sare ee Early College ee ka qalin jabiyay ugu yaraan 12 dhibcaha kulliyada Juun 2026

Tilmaame: Maamule Sare ee Dhibcaha DESE iyo Falanqalaynta Xogta DHE HEIRS

Fadlan sheeg sida deeqdani ula jaanqaado Ballanqaadka Aragtida Istaraatiijiga ah ee 20/25 ee dagmada iyo sida ay u kala mudan yihiin. Fadlan hoos ku qor: (Fiiri lifaaqa - aad (bogga 59)

Hababka waxbarista Early College waxay bixiyaan waxbarasho la xiriirta xaaladaha, xaqiiqa ah oo qotodheer dhamaan ardaydeena. Iyadoo loo marayo barnaamijyadan waxaan rabnaa inaan kordhino helitaanka shaqada koorso kulliyada ee ardayda Dugsiyada Dadweynaha Boston oo aan hoos u dhigno wakhtiga iyo qiimaha shahaadada koobaad. Tani waxay si toos ah uu waafaqaysaa Himilada Istaraatiijiyadeed ee degmada 20/25 maadaama ay u samaysa fursado loo siman yahay dhalinyarada si ay u raacaan habab shaqo oo tayo sare leh.

Dardar gelinta Waxbarashada 2.1 “Dib u habeynta Dugsiyada Sare”- iyadoo lagu maamuli doono “Dardargelinta Waxbarashada” iyo mudnaanta lagu aqoonsaday Hiigsiga Istaraatiijiga ah ee 20/25, barnaamijyada Kulliyada Hore waa la balaadhiyaa sannadaha la soo dhaafay si ay BPS had iyo jeer awood ugu yeelato inay bixiso shaqo koorso adag ardaydeeda.

La kaashiga socda 6.4 “Ku dhiirgalinta iyo ku wacyigelinta shaqada ee Kulliyada” - iyadoo la isku dubaridi doono “Iskaashiga Socdo” iyo ka go’naanta “Iskaashiga Socda” iyo mudnaanta lagu aqoonsaday 20/25 Himilada Istaraatiijiga ah, barnaamijyada Kulliyada Hore waxay u baahan yihiin iskaashi qotodheer oo sare oo u abuura ardayda fursado ay ku galaan koorso kulliyadda oo ku duuban taageerooyinka.

## FOOMKA AQBALKA GUDDIGA DUGSIGA - BPS23693

Magaca deeqda: **Deeq Qarsoon ee Mikroskoobka**

Heerka: Cusub

Nooca Deeqaha: Deeq gaar ah

Taariikhaha Bilowga iyo Dhamaadka: 10/1/22 - 4/30/23

Isha Maalgelinta: **Deeq gaar ah**

Xiriiriyaha deeq bixiyaha: Qof Qarsoon

Hogaanka Waaxda BPS iyo/ama Dugsiga(yada): Waaxda Sayniska, Tignoolajiyada, & Injineeriniyada

Maareeyaha Barnaamijka BPS: Nicole D. Guttenberg, PhD, Science Program Director, K-12

Madaxa Waaxda/Hoggaamiyaha Dugsiga: Elizabeth Milewski, Agaasimaha STEM

Wadarta Qadarka Abaalmarinta: \$ 181,800, lagu soo iibiyo M150A 40X-640X Mikroskoobka Ardayga La Qaadan karo ee LED iyo MD130 1.3MP USB 2.0 Midabka CMOS Digital Eyepiece Microscope Camera oo ka socota United Scope, LLC. Macallimiintu waxay ugu imaan doonaan set fasalka ah oo ah 12 mikroskoob iyo kamarad dhijitaal ah.

Shayga	Qiimaha Shayga	Tirada	Wadarta
M150A 40X-640X Portable LED Monocular Student Microscope	\$72	2400	\$172,800
MD130 1.3MP USB 2.0 Color CMOS Digital Eyepiece Microscope Camera	\$45	200	\$9,000
			<b>\$181,800</b>

Ikhtiyaarka nuqlinta: **Midna**

Qiyaastii # arday (ama macalimiinta, shaqaalaha xafiiska dhexe) ayaa u adeegay: 2,832 arday (MA DESE kaarka warbixinta SY21), 103 Macalimiinta Fasalka 6aad (Codsiga Xogta BPS SAnad Dugsiyeedka 21-22)

Goobaha Degmada BPS: Dhammaan fasallada 6aad ee fulinaya qeybta OpenSciEd Cells. Intaa waxaa dheer, macalin kasta oo STE-ga sare ah wuxuu codsan karaa isku dhafka fasalka ee mikroskoob iyo kamarad dijital ah.

Sidee loo doortay goobahan? Isku-darka is-doorashada (dugsiga sare) iyo dugsiyada fulinaya manhajka Sayniska Furan (dugsiga dhexe iyo fasalka 6-aad ee dugsiyada K-6)

Shuraakada Furaha ee Dibadda (haddii ay jiraan): Midna

Mudnaanta:

Deeq-bixisada qarsoon waxa ay deeqdan u samaynaysaa iyada oo lagu sharfayo ninkeedii dhintay, oo si mutadawacnimo ah uga shaqeeyay Dugsiyada Dadweynaha Boston. Rabitaanka in la bixiyo mikroskoobyadu waxay si toos ah ugu xidhan yihiin dhaxalka deeq bixisada qarsoon ninkeeda oo dhinta sababtoo ah wuxuu si joogto ah guriga u keenay mikroskoobyada cilladaysan si ay ugu sii jiraan isticmaalka. Iyadoo taas la xiriirta, deeq-bixisada waxay doonaysaa dammaanad qaadka in Dugsiyada Dadweynaha Boston ay leeyihiin hab lagu ilaaliyo mikroskoobyada iyo hagaajinta wixii mikroskoob ee waxyeelooba.

Iyadoo deeq-bixisada aysan wax xayeysiin ah u raadin deeqdan, waxay fahansan tahay in Dugsiyada Dadweynaha Boston laga yaabo inay danaynayaan inay u sheegaan deeqda shaqaalaheeda, ardaydeeda, ama dadwaynaha guud. Sidaas awgeed, deeq-bixisadawaxay codsanaysaa in xidhiidh kasta oo ku saabsan deeqda la siiyo ama ay heli karaan dadwaynaha guud ay ku xidhan tahay ogolaanshaheeda.

Lifaaqa lagu daray (waxaa lagu daray 09.28.2022):

Waaxda sayniska ayaa u habaysay mid ka mid ah farsamayaqaanadeena inuu u tababaro iibiyaha, United Scope, si uu u dayactiro M150A 40X-640X Laqaadan karo LED Mikroskoob Ardayga ah iyo MD130 1.3MP USB 2.0 Midabka CMOS Digital Eyepiece Microscope Camera.

Aqoon-is-weydaarsi ayaa loo qorsheeyay oo loo qori doonaa macallimiinta ku saabsan isticmaalka habboon iyo daryeelka habboon ee mikroskoobyada.

Lifaaqa lagu daray (waxaa lagu daray 01.05.2023):

Waaxda sayniska ayaa bixin doonta warbixin saddex sano ah oo ay uga jawaabayso su'aalaha soo socda:

- Immisa dugsi, macalimiin, iyo arday ayaa isticmaalay mikroskoobyada?
- Siyaabahee ayaa loo isticmaalay mikroskoobyada?
- Siyaalahee iyo sida wanaagsan ee labada gool (hoos eeg) lagu gaaray?

Tusaalaha alaabta ardayga iyo dukumeenti sawireedka ardayda isticmaalaya mikroskoobyada ayaa lagu dari doonaa warbixinada. Warbixinnada waxaa la soo gudbin doonaa dhammaadka sannad dugsiyeedka Juun 2023, Juun 2024, iyo Juun 2025.

Ujeedo: Deeqdu waxay taageeri doontaa hirgelinta Unugyada iyo Nidaamyada unugga gudaha manhajka SciEd ee BPS ay soo qaadatay. Cutubka, ardaydu waxay baadhaan waxa qaybaha kala duwan ee jidhkeenu ay ka samaysan yihiin, laga bilaabo miisaanka makro ilaa miisaanka yar. Waxay ogaadeen in qaybo ka mid ah jidhkeenu ay ka samaysan yihiin unugyo iyo in unugyadani ay si wadajir ah u shaqeeyaan si uu jidhkeenu u shaqeeyo. Marka lagu daro isticmaalka mikroskoobyada si ay u eegaan unugyada dhirta iyo xayawaanka, ardaydu waxay baran doonaan isticmaalka saxda ah ee mikroskoobyada, kaas oo ah qalab ay ku hawlgeli doonaan koorsooyinka sayniska nololaha ee dugsiya sare. Intaa waxaa dheer, waxaan siin doonaa microscopes macalimiinta dugsiya sare iyo ardayda si ay u isticmaalaan fasalada sayniska nololaha heerka sare. Kaamirooyinka dhijitaalka ah ayaa u oggolaanaya macalimiintu inay sawiraan sawirada si ay fasalka oo dhan u galaan iyo ardayda aragga naafada ka ah inay si madaxbanaan u galaan sawirada mikroskoobyada.

Natijoyinka la Rabo: Dhammaan ardayda fasalka 6aad waxay heli doonaan tignoolajiyada looga baahan yahay inay muuqaal ahaan unugyada ku arkaan oo ay wax uga bartaan iyaga si ay u taageeraan Heerarka MA STE iyo manhajka OpenSciEd. Ardaydu waxay yeelan doonaan faham korodhsan oo ku saabsan qaabka iyo shaqada unugga oo sidaas awgeed waxay soo bandhigi doonaan aqoonta su'aalaha qiimaynta ee ku xidhan qaab-dhismeedka iyo shaqada unugga.

Himilooyinka Gaarka ah, La Cabbir karo, La Gaadhi Karo, La Xaqiijin karo, iyo Wakhtiga Ku Xidhan (SMART).

Yoolka # 1: Dhammaan ardayda fasalka 6aad waxay heli doonaan tignoolajiyada looga baahan yahay inay muuqaal ahaan unugyada ku arkaan oo ay si ay ugu sahasho inay SI fiican u fahmaan Heerarka MA STE iyo manhajka OpenSciEd.

Tilmaame: Ardaydu waxay awood u yeelan doonaan inay si sax ah u isticmaalaan mikroskoob si ay u eegaan sawirada yar yar ama noolaha sida unugyada.

Yoolka # 2: Ardaydu waxay yeelan doonaan faham korodhsan oo ku saabsan qaab-dhismeedka iyo shaqada unugga.

Tilmaame: Tiro korodhay oo arday ah oo muujinaya aqoonta su'aalaha qiimaynta ee ku xidhan qaabka iyo shaqada unugga.

Fadlan qeex sida deeqdani ula jaanqaado Ballanqaadka Aragtida Istiraatiijiga ah ee degmada 20/25 iyo mudnaanta(yada). Fadlan hoos ku qor: (Fiiri lifaaqa - aad (bogga 59)

# 2 Dardar gelinta Waxbarashada: Dugsiyo tayosare leh iyo fasallo farxadeed oo degmadoo dhan leh

2.5 Hirgelinta filashada waxbarashada hoose ee adag oo joogto ah iyo manhaj u diyaariya dhammaan ardayda dugsiga sare, oo ay ku jiraan barnaamijyada sayniska iyo xisaabta xooggan

#### **FOOMKA AQBALKA GUDDIGA DUGSIGA - BPS23694**

Magaca deeqda: CommCorp: Hindisaha Xirfada Farsamo ahaaneed (Wareegga 2 iyo Wareegga 3)

Heerka: Sanadka 1 ee 2

Nooca Deeqaha: Tartan

Taariikhaha Bilowga iyo Dhamaadka: 07/01/2021 ilaa 08/30/2023(Tani waa sii socosho iyo dib u habayn lagu sameeyay lacag-bixintii hore  
deeqda waxqabadka)

Isha Maalgelinta: Shirkadda Commonwealth

Xiriiriyaha deeq bixiyaha: Meg Cummings, Maamulaha Barnaamijka  
Telefoonka: (617) 717-6938  
mcummings@commcorp.org  
33 Harrison Avenue, 3rd Floor, Boston, MA 02111  
<https://commcorp.org/program/career-technical-initiative/>

Hogaanka Waaxda BPS iyo/ama Dugsiga(yada): Waaxda Waxbarashada Dadka Waaweyn

Maareeyaha Sanduuqa BPS: Kristen D'Avolio, Agaasimaha Sare

Madaxa Waaxda/Hoggaamiyaha Dugsiga: Kristen D'Avolio, Agaasimaha Sare

Qadarka Abaalmarinta \$336,000  
Taariikhda Abaal-marinta: 12/1/22-10/31/24

Ikhtiyaarka nuqlinta: Maya

Qiyaasta # ardayda: 28 warshad gaari, 28 Najaar  
Goobaha: Waaxda Waxbarashada Dadka Waaweyn/Dugsiga Bartamaha Boston ee Dugsiga Sare ee Farsamada ee Dhismaha  
Dugsiga Sare ee Madison Park

### **Sharaxaada Deeqaha**

Hindisaha Farsamo ee Xirfaddu waxay doonaysaa inay wax ka qabato baahida joogtada ah ee shaqaale xirfad leh xagga dhismaha, ganacsiga, iyo wax soo saarka. Shirkadda Commonwealth waxay maamushaa lacagahan iyadoo rajeynaysa inay meesha ka saarto farqiga xirfadeed ee soo food saaray loo shaqeeyayaasha iyadoo siinaysa fursad dhalinyarada iyo dadka waaweyn inay dib ugu tababaraan xirfadaha xirfada leh, iyo sidoo kale u beddelashada dugsiyada sare ee farsamada machadyada farsamada shaqada oo shaqeeya saddex wareeg maalintii si loo keeno dugsi sare oo badan. ardayda iyo dadka waaweyn ee galay barnaamijka.

### **Qaybaha Kharashka deeqdani waxay bixisaa**

Deeqdan waxaa loo isticmaali doonaa in lagu bixiyo maamulaha CTI, khabiir ku takhasusay taageerada ardayda, taageerada maamulka, gunnooyinka faraqa ee shaqaalaha mushaharka qaata, qandaraasyada iyo gunnooyinka macallimiinta farsamada gacanta ee shaqeeya saacadaha dugsiga ka dib, agabka xafiiska iyo tababarka, kombiyuutarada, kaadhka baska iyo dhiirigelinta kale ee ardayda (qalabka, kabaha, muraayadaha badbaadada, iwm.).

### **Himilooyinka Gaarka ah, La Cabbir karo, La Gaadhi Karo, La Xaqiijin karo, iyo Wakhtiga Ku Xidhan (SMART).**

**Yoolka #:** Marka la gaaro Febraayo 28, 2024, labaatan iyo lix arday oo baabuurta wata ayaa dhammayn doona koorsada buuxda oo ay kasban doonaan shahaadooyinka warshadaha ee la xariira.

**Tilmaame:** Dhamaystirka 220 saacadood iyo ka gudbidda buundooyinka OSHA 10 iyo Hotworks.



**Yoolka # 2:** Marka la gaaro 15/10/24 labaatan iyo labo ka mid ah 28 arday waxaa lagu shaqaaleysiin doonaa shaqo la xiriirta warshadaha muddo 6 bilood ah ka dib marka la dhammeeyo barnaamijka.

**Tilmaame:** Warqadda caddaynta loo-shaqeeyaha ama warqadda mushaharka.

**Yoolka # 3:** Febraayo 28, 2024, labaatan iyo siddeed arday oo nijaarnimo ah ayaa dhammayn doona koorsada buuxda oo ay kasban doonaan shahaadooyinka warshadaha ee la xidhiidha.

**Tilmaame:** Dhamaystirka 220 saacadood iyo ka gudbidda buundooyinka OSHA 10 iyo Hotworks.

**Yoolka #4:**Marka la gaaro 15/10/24 labaatan iyo labo ka mid ah 28 arday waxaa lagu shaqaaleysiin doonaa shaqo la xiriirta warshadaha muddo 6 bilood ah ka dib marka la dhammeeyo barnaamijka.

**Tilmaame:** Warqadda caddaynta loo-shaqeeyaha ama warqadda mushaharka.

### **Isku-habaynta Qorshaha Istaraatiijiyadeed**

Hadafyadani waxay ku xidhan yihiin Himilada Istaraatiijiyadeed ee BPS Nambarka Koowaad: Meesha laga saaro Fursadaha iyo Nusqaamaha Horumarka. Iyadoo lagu taageerayo dadka waaweyn ee degan Boston inay kasbadaan shahaadadooda dugsiga sare ama barashada Ingiriisiga, BPS waxay u adeegtaa ardayda tayada sare leh ee ay saameeyeen caqabadaha bulsho, nidaam iyo bulsho, iyo cunsuriyad gudaha iyo dibadda dugsiga.