

## Gibson, Maryjo

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**From:** Buerer, Mary  
**Sent:** Monday, April 6, 2020 8:30 AM  
**To:** Kevin Murphy; Leinbach, Christian Y  
**Subject:** RE: 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

Thank you!

Mary L. Buerer  
Executive Assistant to Commissioner Leinbach  
Services Center, 13th Floor  
633 Court Street  
Reading, PA 19601-4310  
Phone: 610-478-6136  
Fax: 610-478-6139  
Email: [redacted]  
[www.CountyofBerks.com](http://www.CountyofBerks.com)

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**From:** Kevin Murphy <[redacted]>  
**Sent:** Monday, April 6, 2020 8:29 AM  
**To:** Buerer, Mary <[redacted]>; Leinbach, Christian Y <[redacted]>  
**Subject:** Re: 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

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610-488-0417

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**From:** Mary Buerer <[redacted]>  
**Date:** Monday, April 6, 2020 at 8:26 AM  
**To:** Berks Foundation <[redacted]>, Christian Leinbach <[redacted]>  
**Subject:** RE: 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

Kevin,

Tomorrow at 11:00am would work. What number should Christian call?

Mary L. Buerer  
Executive Assistant to Commissioner Leinbach  
Services Center, 13th Floor  
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Phone: 610-478-6136 E:  
Fax: 610-478-6139  
Email: [redacted]  
[www.CountyofBerks.com](http://www.CountyofBerks.com)

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**From:** Kevin Murphy <[redacted]>  
**Sent:** Monday, April 6, 2020 8:21 AM

**To:** Buerer, Mary < >; Leinbach, Christian Y < >  
**Subject:** Re: 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

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Mary:

Not going to work.

Free until noon tomorrow.

Kevin

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**From:** Mary Buerer < >  
**Date:** Monday, April 6, 2020 at 7:52 AM  
**To:** Christian Leinbach < >, Berks Foundation  
**Subject:** RE: 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

Kevin,

10am – Noon today would work for Christian. Please let us know if a time would work and provide the best number to call.

Thank you!  
Mary L. Buerer  
Executive Assistant to Commissioner Leinbach  
Services Center, 13th Floor  
633 Court Street  
Reading, PA 19601-4310  
Phone: 610-478-6136 Ext. 3/ Ext. 6127  
Fax: 610-478-6139  
Email: [MBuerer@countyofberks.com](mailto:MBuerer@countyofberks.com)  
[www.CountyofBerks.com](http://www.CountyofBerks.com)

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**From:** Leinbach, Christian Y < >  
**Sent:** Sunday, April 5, 2020 8:03 PM  
**To:** Kevin Murphy < > , Buerer, Mary < >  
**Subject:** Re: 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

Mary

Please set up a call with Kevin Murphy. 1PM won't work.

Sincerely, .

Christian Leinbach  
Chair/Berks County Commissioners  
633 Court Street  
Reading, PA 19601

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**From:** Kevin Murphy <\_\_\_\_@\_\_\_\_\_>  
**Sent:** Sunday, April 5, 2020 7:24:50 PM  
**To:** Leinbach, Christian Y <\_\_\_\_@\_\_\_\_\_>  
**Subject:** Re: 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

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Don't forget old overhead slide material. Stunning.

Are you free at 1:00 tomorrow?

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**From:** Christian Leinbach <\_\_\_\_@\_\_\_\_\_>  
**Date:** Sunday, April 5, 2020 at 7:11 PM  
**To:** Berks Foundation <\_\_\_\_@\_\_\_\_\_>  
**Subject:** Re: 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

Kevin

I've been following it. It's opportunity, need, technology all converging to solve a problem. Incredible.

Christian Leinbach  
Chair/Berks County Commissioners  
633 Court Street  
Reading, PA 19601

610-478-6136 x3  
[www.CountyofBerks.com](http://www.CountyofBerks.com)

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**From:** Kevin Murphy <\_\_\_\_@\_\_\_\_\_>  
**Sent:** Sunday, April 5, 2020 6:53:26 PM  
**To:** Leinbach, Christian Y <\_\_\_\_@\_\_\_\_\_>  
**Subject:** FW: 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

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Christian:

This is probably off your radar scope, but it's too good of a story not to share. This is a whole network of people coordinated by Adelle Schade to use 3D printers (we made a grant Friday to buy two more) to print surgical grade face shields. Adelle's update is amazing. This needs to be a movie.

Best,

Kevin

**From:** Adelle Schade  
**Date:** Sunday, April 5, 2020 at 5:36 PM  
**To:** Brian Boland, Franki Aitken, 'Hilary Sumner', 'Fetrow, Jacquelyn S', 'John Siefert', Julia Klein, Berks Foundation, 'Kim Day' <kday@mo-sci.com>, 'Haufler, Lana J.', Conrad District, 'Ryan Giffing', 'Ted Day', tomsheehan worldwide, 'Vivi Anthony', 'April Mitchell', 'Brian Clements', 'Conor Delaney', 'Keegan Worley', 'Landon Bernheiser', 'Pete Molinaro', Jason Brudereck

**Subject:** 4-5-20 Update SRI 3D Face Shield Printing- Berks PPE Resource Network

Hello,

SRI updates on Berks PPE Resource Network and some other items to keep you in the loop. We are distributing 1000 face shields on Wednesday!

- Berks PPE has a call on Monday with PA Chamber. Eight counties contacted us wanting to replicate our model (and the Temple Univ. Hospital). Word on the street is, we are one of the largest homegrown PPE collaborative organizations in PA. That's how we work in Berks☺ This type of thing is happening all over the US but it seems to be one school or individual working by themselves. Not an entire county mobilized. On a personal note, I have never been involved in anything like this- it is mind-blowing. The thing that stands out to me is the speed at which all of this is happening. If you want an eye-opening experience and are a Facebook user, **request to join the Berks PPE private group**, I will approve your request. This is a group of Car-tech engineers, artists (putting the A in STEAM), tech business owners, parents and students all working day and night on face shield printing, model improvements, prototypes. Their discussions and process are fascinating. We have prototype testing sites with the Hamburg PD (they have big "craniums" and are testing our XL model), Reading Hospital and Caron Foundation.
- Locally, every local college/university is now involved (Albright, Alvernia, PS Berks, Kutztown Univ. and RACC), and, through the BCIU all of the local school districts and public library systems are getting involved this week.
- Friday we distributed 200 face shields to 5 organizations: Encompass Health Rehabilitation Hospital of Reading, HCR Manorcare, Berks County Jail System, Shenandoah Manor Nursing Center and Tilden Township Police Department. These groups did not receive all they requested but we will keep them on the list and come back around to them.
- Two plastic fabrication companies (American Polarizers and Sabold Design are donating industrial grade plastic for shields for free, and, offered to cut and punch to the size we require for free. (more on this in next bullet) Mitsubishi is supplying printing filament.
- RACC is preparing to get all of their 3D printers mobilized in either the GoggleWorks or with their professors at home. Bonnie Spayd and I are organizing the plastic cutting and punching to be completed at the Schmidt Center. This will allow some of their workers to continue working- meaning they will not be laid off from employment if they are on this project.
- Albright, Alvernia, PS Berks (professors & students at home on printers), Kutztown Univ. (sending their printers to GoggleWorks for CrossTrainer).
- The Berks County Community Foundation and Berks Alliance have donated to get things moving. This will allow all the PPE we develop to be provided to the organizations that request for **FREE**. We have a few other grant proposals out this week for additional funds.
- We have 63 people in our 3D printing face shield manufacturing team including CrossTrainer Mixed Reality founder Kris Jackson at the GoggleWorks leading the charge. Many of these people are community members, in their homes working round the clock for this initiative.
- We have 52 organizations asking for face shields for a total request number at this time of over 3200 shields- healthcare, the state police, jail system, game commission, retirement homes, private practice physicians,

grocery stores, and many more. (We have 1000 going out this week). We are getting additional printers this week and will be increasing production.

- All drop-off/pick-ups will be every Wednesday starting this week until we are not needed. In the GoggleWorks parking lot. Drop-offs from 9-10am, Pick-ups from 11am-12pm.
- The Reading Eagle is doing a feature on this group. They are taking some pictures on Wednesday at pick-up/drop-off.

Links if you know anyone that wants to help or needs help

Link for people to volunteer to 3D print or donate supplies: <https://forms.gle/Ayn3dKsfveyqPe1V8>

Link for organizations to request PPE: <https://forms.gle/FZBxxi1BuUg5b8DJ7>

Link for people to donate to BCCF (Science Research Institutes Fund): <https://bccf.org/donate/>

Our team is growing every day; it is very special to see Berks County come together.

Email me with questions, take care and stay safe!

Adelle

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Thank you.

**Gibson, Maryjo**

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**From:** Katie Hetherington Cunfer <kcunfer@>  
**Sent:** Monday, April 27, 2020 11:54 AM  
**To:** Jim Gerlach  
**Cc:** Ellen Albright;Katie Hetherington Cunfer  
**Subject:** Mobilize your business community to create PPE  
**Attachments:** Berks PPE Resource Network Update + Resources.pdf; 4-24-20 Organizations Served-Berks PPE.pdf

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Dear Friends,

On behalf of the Jim Gerlach, President & CEO of the Greater Reading Chamber Alliance and our staff, we wanted to share with you a good news story about a community coming together to fill a need during this crisis as well as the resources needed to organize a similar effort (attached). In just three weeks, Berks PPE Resource Network has created 18,500 pieces of PPE to assist 182 front-line organizations. This Herculean effort by its 93 volunteers is a testament to the hard work and ingenuity of the Berks County business community. Hear about the effort first hand here from Ellen Albright, GRCA Director of Talent & Workforce Development.

Together, we can accomplish so much.

Katie

Katherine Hetherington Cunfer  
Director of Government and Community Relations  
Greater Reading Chamber Alliance

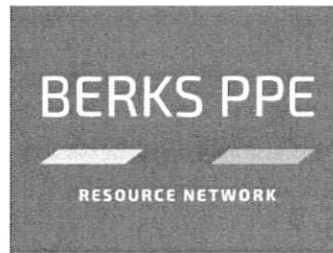
[REDACTED]

[REDACTED]



Click [HERE](#) for all the latest news, legislation & resources





**April 24, 2020**

**Berks PPE Resource Network has produced and donated 18,500 PPE materials in three weeks of production!**

The Greater Reading Chamber Alliance (GRCA) is pleased to be a founding partner of the **Berks PPE Resource Network**. This initiative began as a string of emails between GRCA, Albright Science Research Institute, CrossTrainer Mixed Reality, Hamburg Area School District, Ben Franklin Technology Partners of Northeastern PA, Berks County Medical Society, Alvernia University, Mantis 3D Printing, Berks Alliance, Penn State Berks LaunchBox, and GoggleWorks Center for the Arts. Since the initial email brainstorm took place between these organizations thirty days ago, 93 volunteers have been engaged, 182 organizations have been served, and 18,500 pieces of PPE have been distributed. All materials have been provided at no cost to the end-users which includes a large list of healthcare systems, assisted living facilities, private practice physicians, emergency services and first responders, businesses, and non-profits. (A complete listing can be found as an additional attachment.)

The ad-hoc committee of founders listed above used their strong networks and existing relationships to engage partners at many different levels including: the maker-community/3D printing community; engineers and individuals to support prototyping + design; the business/manufacturing community; relationships with school districts and our institutes of higher ed; and local government and community stakeholders. Within days of outreach, the group created a vast network of makers, shakers, and movers, each taking a piece of the larger scope of work.

A critical component of this work was (and continues to be) constant communication. The group built out a private maker-group on Facebook, a Slack chat, and holds frequent Zoom Meetings to ensure that they are connecting the designers and makers with the end-users to allow for feedback and adaptations. Additionally, there is constant communication surrounding PPE requests from organizations, outreach to the community, and new partnership opportunities that seem to expand with each day that passes.

During week one of production, our makers produced face shields using a Mantis 3D Printing template. To be sure the materials were in compliance with FDA guidelines, Albright Science Research Institute submitted a request for authorization of the materials, quickly receiving approval. Since week one, the makers have also expanded their offerings to mask straps, which allow for comfort and decreases irritation behind the ears. The group also created a template for a DIY mask frame, which ultimately led to a partnership with "Making Masks in Berks County," – the largest volunteer mask-making network in Berks County.

As the group has expanded, sourcing materials and covering costs to provide these materials free of charge has certainly been a big factor. Early adopters and financial supporters of this initiative include Berks Alliance, The Friends of the Reading Hospital, and Berks County Community Foundation (BCCF). Their donations at the very start allowed for the group to mobilize quickly. BCCF also provided Berks PPE Resource Network with a fund for people to donate to.

That being said, the intent for this group was never to take "business" from our local industry footprint. The mission from the start was to fulfill a temporary gap in PPE, while allowing our manufacturers and knitting mills time to retool and re-train their workforce on creating new materials. In just three weeks, we have seen multiple, local employers re-tool and shift supply chains to provide masks, face shields, gowns, dividers, sanitizer, and more. The goal now is to send paying customers and businesses to these "preferred vendors," while The Network remains to exist to support local non-profits and community-healthcare facilities that cannot otherwise pay at-cost. We have been upfront and communicative with our manufacturing community along the way, and have even provided free PPE to essential manufacturers as they sought out their own materials for their employees' safety.



Many employers donated equipment, financial resources, and materials to the Network. For example, one company donated over \$15,000.00 worth of 3D printing technology. Another local company was able to partially re-open an out-of-state plant to produce filament for the printers, while another employer is celebrating one of their engineers who has dedicated countless hours on re-working prototypes for the group. These are just a few examples of our business community rallying around the Network, and our homegrown, All-American Ingenuity being showcased at its best. (After all, manufacturing is Berks County's largest sector, making up roughly 23% of our GDP!)

As the Network continues to evolve day to day (sometimes hour by hour), the group wishes to share their story with other communities in how to get this work done quickly by mobilizing your community. To do so, they have created two videos with core committee members to better help you understand how to implement this in your communities. These videos are hosted on a website, also created by a Berks PPE Resource Network volunteer, which captures invaluable information, photos, media clips, and tools for you to take back to your key partners.

#### **CALL TO ACTION:**

- 1.) Please share this with your communities if they are currently seeking ways to source PPE for your health systems, first responders, and community.
- 2.) Ask us how to get engaged with Berks PPE Resource Network! The Network is actively seeking financial support to continue in their efforts, with no definitive timeline as to when the demand will lessen. Costs include raw materials, equipment, and distribution supplies.
- 3.) Help us spread the word! We have active social media accounts – please follow along and share as you are able to!

#### **RESOURCES:**

##### **Website**

- <http://berksppeerourcenet.org/>

##### **Videos**

- <http://berksppeerourcenet.org/mobilize-your-community/>

##### **Social Media**

- **Facebook:** Look up our Private FB Group + Follow Along with our Progress: **Berks PPE Resource Network**
- **Instagram:** **berksppe**

##### **For More Information**

- Please reach out to Ellen Albright, Director – Talent + Workforce Development, GRCA:



We look forward to continued conversations about what is working in our community, while also learning best practice from your communities, associations, regions, and stakeholders.

Jim Gerlach  
President + CEO, Greater Reading Chamber Alliance

## Berks PPE Resource Network

### Requesting Organizations: April 22, 2020

|  |   |
|--|---|
| Adhezion Biomedical                          | Dayspring Homes, Inc.                             |
| Albright College- Public Safety              | Dermatology Associates of Lancaster               |
| Albright College- Residential                | Digestive Disease Associates                      |
| Albright Life                                | Doubleggs LLC                                     |
| Alvernia University                          | DoubleTree by Hilton Reading                      |
| American Crane & Equipment Corp              | Douglass Township Emergency Management            |
| Amity Township                               | Douglass Township Police Department               |
| ARCpoint Labs of Reading, PA                 | Douglass Township Services                        |
| Arthritis and Joint Replacement of Reading   | Dr. Altman, MD                                    |
| Bariatrics of PA                             | Dr. Busack, MD                                    |
| Barta transportation                         | Dr. David Whipple                                 |
| Berks Cardiology                             | Dr. Goldberg, MD                                  |
| Berks Community Health Center                | Dr. Hu, MD  |
| Berks County Coroner's Office                | Dr. Lihong Lu                                     |
| Berks County Jail System                     | Dr. Lippe, MD                                     |
| Berks County Prison Medical                  | Dr. Malloy, MD                                    |
| Berks County Probation and Parole Department | Dr. Nagarsheth, MD                                |
| Berks E.N.T. Surgical Associates, Inc.       | Dr. Nemani, MD                                    |
| Berks Encore                                 | Dr. Primack, MD                                   |
| Berks Family Eyecare, PC                     | Dr. Traband, MD                                   |
| Berks Foot And Ankle Surgical Assoc          | Encompass Health Rehabilitation Hospital, Reading |
| Berks Packing Co. Inc.                       | ENT Head & Neck Specialists                       |
| Berks Pediatrics                             | Exeter Pediatrics                                 |
| Berkshire Center                             | Exeter Township Police Department                 |
| Bethel Community Ambulance                   | Eye Consultants Of Pennsylvania                   |
| Bethel Township EMA                          | Fairlane Gardens Nursing and Rehab at Reading     |
| Birdsboro Police Department                  | FM Browns Sons Inc                                |
| Bone & Joint Care Center                     | Fox Chase Cancer Center                           |
| Brecknock Twp Police Dept                    | Genesis Healthcare Corporation                    |
| Bretheren Village                            | Grose Funeral Home                                |
| Cardiology Care for Children                 | Hamburg Family Eye Care                           |
| Caron Treatment Centers                      | HCR Manorcare                                     |
| Centro Hispano Daniel Torres                 | Henninger Funeral Home                            |
| CH Briggs                                    | Hershey Medical Center                            |
| Chestnut Knoll At Home LLC                   | Integrated Security Systems                       |
| Childrens Clinic of Wyomissing               | Kenhorst Volunteer Fire Co                        |
| City of Reading                              | Keyes Property Services, LLC                      |
| City of Reading Fire and Rescue and Services | Keystone Fire Company No 1 Shillington            |
| Clover Farms Dairy Co.                       | Keystone Spine & Pain Mgt                         |
| Common Ground Recovery Community             | Keystone Villa at Fleetwood                       |
| Commonwealth Orthopaedic Associates          | Kutztown Ambulance                                |
| Community Health and Dental Care             | Kutztown Borough Police Department                |
| Country Meadows Retirement Communities       | Kutztown University- Security                     |
| Dale Carnegie Mid-Atlantic                   | Lancashire Hall                                   |
| Danville Post Office                         | Lancaster General                                 |

**Berks PPE Resource Network**  
**Requesting Organizations: April 22, 2020**

|  |   |
|--|---|
| Laureldale Police Department                         | Select Ambulance                              |
| Leesport Animal Hospital                             | Southeastern Home Health and Hospice Services |
| Lehigh Valley Pocono Hospital                        | Sprau and Clements Dentistry                  |
| Life's Choices                                       | Spring Township                               |
| M5 Group Homes                                       | Spring Township Fire Dept                     |
| Manorcare  | Supportive concepts for families              |
| Metropolitan Companies                               | Temple Psychiatry                             |
| Mikes Pharmacy                                       | Temple University Hospitals                   |
| Mohnton Police                                       | The Highlands of Wyomissing                   |
| Morgantown Family Practice, LLC                      | Threshold Rehabilitation Services, Inc        |
| Nader Rahmanian, MD LLC                              | Tilden Township Police Department             |
| New Journey Community Outreach, INC.                 | Tower Health Medical Group                    |
| Office of Congressman Dan Meuser                     | Tower Health Podiatry Residents               |
| Oley Medical Assoc                                   | Tower Health Respiratory Specialists          |
| Olivet Boys & Girls Club Of Reading and Berks County | Tower Health System                           |
| Opportunity House                                    | Township of Spring Fire Rescue Services       |
| Opportunity House SSVF                               | United States Postal Service                  |
| PA State Police                                      | University of Pennsylvania Health Systems     |
| Penn State Health St. Joseph Medical Center          | UPS   |
| Pennsylvania Adult & Teen Challenge                  | USD Health                                    |
| Pennsylvania Dermatology Partners                    | USDA Natural Resources Conservation Service   |
| Pennsylvania Game Commission                         | Usinus College- Safety                        |
| Pepperidge Farm                                      | Verizon                                       |
| Phoebe Berks Health Care Center                      | Veterans Coalition                            |
| Pottstown Hospital - Tower Health                    | WellSpan Health                               |
| Pottstown Hospital- Physical Therapy                 | Welsh Mountain Health Centers                 |
| Pottstown Police Dept                                | Western Berks Ambulance                       |
| Prime Pain Specialist                                | Western Berks Fire Dept                       |
| Prospectus Berco                                     | Wyomissing Borough Police Department          |
| PSH Medical Group - AAC                              | Wyomissing Health and Rehab                   |
| PSHSJ EXETER   | Wyomissing Optometric Center                  |
| QUEST, Inc.  |   |
| Reading Area Community College- Safety               |   |
| Reading Downtown Improvement District                |   |
| Reading Fire and Rescue Services                     |   |
| Reading Hospital Tower Health Psychiatry             |   |
| Reading Rehabilitation Hospital at Wyomissing        |   |
| Reading School Board                                 |   |
| Rehlersburg Fire Company                             |   |
| Reitnouer, Inc.                                      |   |
| Respiratory Specialists- Penn State                  |   |
| Robeson Township Police Department                   |   |
| Rock Lititz  |   |
| Safe Berks   |   |

## Gibson, Maryjo

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**From:** Ellen Albright <EAlbright@greaterreading.org>  
**Sent:** Thursday, April 30, 2020 12:15 PM  
**To:** Gottschall, Brian;Leinbach, Christian Y;Rivera, Michael S;Fogarty, Dan;Deb Millman;Jim Gerlach  
**Cc:** Schade, Adelle L;kris@ ;ChrSpo@!  
**Subject:** Touching Base: PPE  
**Attachments:** Berks PPE Resource Network-Suppliers-4.24.2020.pdf; PPE Suppliers-CCEDC List.pdf; 4-24-20 Organizations Served-Berks PPE.pdf  
  
**Importance:** High

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Hi, Everyone. Touching base. The Berks PPE Resource Network leadership team (myself and those on the CC line) noted the article in RE today about PPE shortages. We understand that the demand is constant, and that to source large bulk orders – some of that may need to be done overseas. However, we want to offer you our support (and further awareness) about the capabilities of our volunteer network, as well as local manufacturers, that are likely able to help right here in our own community.

Additionally, each of you were copied on a press release that went out last week from GRCA about the Network and the organizations it has served to date. That list is also attached for your reference.

The volunteers of the Berks PPE Resource Network are prepared to ramp their production back up if needed to support the County. (Production slowed a bit this week, after producing over 30,000 PPE units over the past three weeks – including face shields, mask straps, and DIY mask frames/cloth masks). This group is also aware of the article from today, and have been weighing in with how they can help. The only cost this group incurs is that of the raw materials, so donations towards these materials are encouraged. I imagine this would be far less costly than sourcing overseas.

Beyond that, there are two lists attached of local/regional suppliers covering anything from gowns, to gloves, to scrub caps and more. Bollman Hat is making felt masks, L+H Signs and Brentwood are creating face shields, Brute Athletic Apparel is ramping up mask production, including a "gaiter" bandana option. I also just heard from Arkema yesterday, it sounds like they are producing hand sanitizer for first-responders (not for public purchase.)

And, recently I touched base with Angela Duen, Stitchfix Mohnton, who commented she is working on gown prototypes, while also fulfilling mask and scrub cap orders. Her info is on the Berks PPE Supplier list attached, and she is basically providing materials at-cost, with little to no mark-up in an effort to support community. We've also just heard that Sorrelli Jewelry is seeking to potentially donate masks in Berks – we are working on that lead now.

I imagine you've exhausted many options here in Berks, and don't want to assume you haven't, but we're all swirling and swamped every day – so if this email can help by providing other avenues for resources, please let us help you navigate!

The 3D printers in our Resource Network are getting a much needed breather right now, but if you want to discuss how they can support you – we're here!

Respectfully, Elle (and the Berks PPE Resource Network team)

Ellen Albright

Director, Talent + Workforce Development | GRCA

~~610-261-1234~~ | p: 610-~~261-1234~~

606 Court Street, Ste. 100 | Reading, PA 19601



Click [here](#) for the latest news, legislation, + local resources.

**Berks PPE Resource Network**  
**Requesting Organizations: April 22, 2020**

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| Robeson Township Police Department                   |   |
| Rock Litz  |   |
| Safe Berks   |   |



## Gibson, Maryjo

---

**From:** Ellen Albright <EAlbright@greaterreading.org>  
**Sent:** Friday, April 3, 2020 10:45 PM  
**To:** Fogarty, Dan  
**Cc:** Schade, Adelle L; Gottschall, Brian; Kris Jackson; Amy Ambrose; Fullam, Walter; David Myers; Leinbach, Christian Y  
**Subject:** Re: First-Day of Pick-up's

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County of Berks Warning: This is an external email. Please exercise caution.

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Thanks! Brian has been looped in here previously, I just missed him on my last CC! Appreciate it, Dan.

Sent from my iPhone

On Apr 3, 2020, at 9:25 PM, Fogarty, Dan <[redacted]> wrote:

Elle –

Great recap on a very impressive local team effort. I am copying Brian Gottschall who is leading our emergency response team(s) for the County for his information.

Dan

**Dan Fogarty**  
**County of Berks**  
1920 Kutztown Road, Suite G  
Reading, PA 19604

484-878-0654 (Mobile)  
610-988-1363 (Office)

---

**From:** Ellen Albright <[redacted]>  
**Sent:** Friday, April 3, 2020 6:42 PM  
**To:** Schade, Adelle L <[redacted]>  
**Cc:** Kris Jackson <[redacted]>; Amy Ambrose <[redacted]>; CFaylor@nep.benfranklin.org; Fullam, Walter <wff1@psu.edu>; tjhuckleberry@berksoms.org; David Myers <[redacted]>; Leinbach, Christian Y <[redacted]>; Fogarty, Dan <DFogarty@[redacted]>  
**Subject:** Re: First-Day of Pick-up's

AMAZING RECAP! Copying in some other folks to see the amazing, fast-paced leadership of this group. Adelle, you're a force. And kudos to all. I am so proud beyond words of this community.

Can't wait to brag on our call Monday to the large group conference call! - Elle

Sent from my iPhone

On Apr 3, 2020, at 6:29 PM, Schade, Adelle L <[redacted]> wrote:

Hello All,

First day of distributions went great! We were able to distribute to 4 groups (Encompass Health Rehabilitation Hospital of Reading, HCR Manorcare, Berks County Jail System and Tilden Township Police Department). These groups did not receive all they requested but we will keep them on the list and come back around to them. They were all extremely appreciative. When I have some time....I will forward comments and emails we have been receiving from these organizations. They will absolutely pull on your heart strings. Makes the importance of this glaring.

Some highlights of the day:

- Two plastic fabrication companies (American Polarizers and Sabold Design) contacted us today. They are donating industrial grade plastic for shields for free, and, offered to cut and punch to the size we require for free. (more on this in next bullet)
- RACC is on board- I spoke with Susan Looney and Kevin Murphy was behind getting this to move. RACC is preparing to get all of their 3D printers mobilized in either the GoggleWorks or with their professors at home. Bonnie Spayd and I are organizing the plastic cutting and punching to be completed at the Schmidt Center. This will allow some of their workers to continue working- meaning RACC will not lay them off if they are on this project
- Chris Spohn did the leg work behind getting Kutztown University to partner with group. They are sending us their 3D printers and providing filament
- The BCCF is donating close to \$4000.00 to purchase high speed, high quality 3D printer which will belong to SRI after this initiative is not needed. They will be housed at the GoggleWorks to manufacture face shields right now, then move to Albright with SRI.
- Berks Alliance is providing funding (\$2500- thank you!) to the BCCF fund for this initiative. We will need to start to order filament for printing pretty quickly.
- Car-tech engineers and 3D Mantis coders are working with Kris Jackson on a new model for headband as we have many police officers with "large craniums". We need an "XL face shield"
- We have 63 people in our 3D printing face shield manufacturing team.
- We have 39 organizations asking for face shields for a total request number at this time of @ 3000 shields

- We are solidifying our drop-off / pick-up process (I will email the logistics when complete). They will happen every Wednesday until we are no longer needed.
- Congressman Dan Meuser delivered shields to a retirement home today (2 bags of 15) and spoke to DC about our effort
- Ellen completed the grant application for the Friends of the Reading Hospital

I know there are things I missed – not intentional. Feel free to reply and add news for the group. Our team is growing every day; it is very special to see Berks County come together. It is a great place to live and work ☺

All for now- have a great weekend,

-*Adelle*

Adelle L. Schade, MS, MEd

Dean of Pre-College and Summer Programs  
Director- Science Research Institute

Albright College

<image002.jpg>

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**From:** Ellen Albright <\_\_\_\_g>  
**Sent:** Friday, April 3, 2020 5:13 PM  
**To:** Kris Jackson <\_\_\_\_>; Amy Ambrose <\_\_\_\_>; Schade, Adelle L <\_\_\_\_>  
**Cc:** \_\_\_\_\_; Fullam, Walter \_\_\_\_\_; David Myers <\_\_\_\_>  
**Subject:** First-Day of Pick-up's

**CAUTION:** This email originated from a Non-Albright email server. Please use caution when interacting and responding to the contents.

I have so many questions! How did it go? Did people pull up and just drop-off materials/pick-up materials out of their trunks? Were they receptive to the process? I am so excited!

Thanks to those of you who were present to make the drop's! What a blessing for these folks..

Elle

Ellen Albright

Director, Talent + Workforce Development | GRCA

ellen.albright@grca.org | p:

606 Court Street, Ste. 100 | Reading, PA 19601

<image003.jpg>

Click [here](#) for the latest news, legislation, + local resources.

**Gibson, Maryjo**

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**From:** Leinbach, Christian Y  
**Sent:** Monday, April 27, 2020 9:37 AM  
**To:** Buerer, Mary  
**Subject:** WFMZ

[https://www.wfmz.com/health/coronavirus/manorcare-homes-in-berks-treating-200-covid-19-patients/article\\_34584ff8-857d-11ea-8f31-1f3518ed2ef2.html](https://www.wfmz.com/health/coronavirus/manorcare-homes-in-berks-treating-200-covid-19-patients/article_34584ff8-857d-11ea-8f31-1f3518ed2ef2.html)

Christian Y. Leinbach  
Chairman - Berks County Commissioners  
633 Court Street  
Reading, PA 19601-4310  
Phone: 610-478-6136      7  
Fax: 610-478-6139  
Email: \_\_\_\_\_com  
Website: [www.CountyofBerks.com](http://www.CountyofBerks.com)



Get [Outlook](#) for iOS

## Gibson, Maryjo

---

**From:** Schade, Adelle L <aschade@albright.edu>  
**Sent:** Wednesday, April 22, 2020 2:44 PM  
**To:** David Myers;Fogarty, Dan;Ellen Albright;Gottschall, Brian;Chris Spohn  
**Cc:** Kris Jackson;CFaylor@Walter;tjhuckleberry@Leinbach, Christian Y  
**Subject:** quick update Berks PPE Network  
**Attachments:** 4-22-20 Organizations Served Berks PPE.pdf

**County of Berks Warning:** This is an external email. Please exercise caution.

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Hello All,

This is a quick summary of Berks PPE stats to update you before our Friday zoom meeting.

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A list of organizations we helped is attached- there are more, I will update soon.

All for now, much more to discuss on Friday.

Thank you for your support!

Adelle

*-Adelle*

Adelle L. Schade, MS, MEd  
Dean of Pre-College and Summer Programs  
Director- Science Research Institute  
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**Gibson, Maryjo**

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**PPE Suppliers**

| <b>Company</b>          | <b>Contact Name</b> | <b>Email Address</b> | <b>Supplies</b>   |
|-------------------------|---------------------|----------------------|---|
| 7 Seas Sourcing         | Dave Horvath        | [REDACTED]           | Disposable masks, Hand sanitizer, thermometers              |
| Antimicrobial Solutions | Jeff Spilfogel      | [REDACTED]           | Commercial disinfectants, hand sanitizer, laundry detergent |
| Bollman Hat Company     | Don Rongione        | [REDACTED]           | Reusable Masks  |
| CLOAID                  | Austin Yang         | [REDACTED]           | Masks, hand sanitizer, spray disinfectant, gloves           |
| Elite Sportswear        | Tara Kozak          | [REDACTED]           | Reusable masks  |
| Everything-Ice          | Ian Bennet          | [REDACTED]           | All PPE-Medical Supplies, Masks, etc.                       |
| Fast Signs              | Clint Ehlers        | [REDACTED]           | Masks, hand sanitizer with or without stand                 |
| FRC Global Group        | Richard Cohen       | [REDACTED]           | Disposable mask, gowns, gloves, face shields                |
| Haol Branded Solutions  | Mikki Negron        | [REDACTED]           | Disposable masks, gloves, gowns, hand sanitizer             |
| Mask on Every face      | Jared Vanderweel    | [REDACTED]           | All Masks   |
| Pacific Apex            | Shann Lin           | [REDACTED]           | All PPE   |
| Philly Maker House      | Jack Feldman        | [REDACTED]           | Disposable masks, disposable gloves                         |
| Proforma                | Bob Manning         | [REDACTED]           | Disposable masks and gloves                                 |
| Safety Splash Shields   | Robert Mancino      | [REDACTED]           | Plastic face shields  |
| Total Equestrian        | Kerry Gingrich      | [REDACTED]           | Reusable masks  |
| Z FAB USA               | Mark Zubizarreta    | [REDACTED]           | Disposable masks, face shields                              |
| Zacback                 | Bruce Korn          | [REDACTED]           | Disposable masks  |
|                         | Darcy Gilbert       | [REDACTED]           | Disposable masks and face shields                           |
|                         | Peter Halo          | [REDACTED]           | All PPE (large quantities only)                             |
|                         | Ken Mac Donald      | [REDACTED]           | Reusable Masks  |

| Name of Person/<br>Organization | Contact Name      | Contact Email | Contact Phone | Supplies they are Able to Make/Source  | Specs being used to follow WHO<br>guidelines/CDC guidelines (if<br>applicable) + Additional NOTES                                     | Amt. of<br>materials<br>they're able to<br>provide (if<br>noted) |
|---------------------------------|-------------------|---------------|---------------|--|---|--|
| B+G Glass                       | Kellie            |               |               | DIY Divider Kits; Glass Safety Dividers.   |   |  |
| Bluebird Distilling             | N/A.              |               |               | Their FB page is where their info is<br>hosted on the hand sanitizer!  |   |  |
| Bollman Hat<br>Company          | Don Rongione      |               |               | Felt masks, 100% wool.   | Breathable, biodegradable,<br>washable, water resistant.<br>Available for wholesale.  | 2,000 in stock<br>today.   |
| Brentwood Industries            | Walter Banta      |               |               | Face Shields: <a href="https://www.brentwood-medical.com/face-shields/">https://www.brentwood-medical.com/face-shields/</a> .  |   |  |
| Brute Athletic Apparel          | Michelle Pharand  |               |               | Face masks, bandanas, etc. See<br>website for full offerings: <a href="http://bruteproshop.com">bruteproshop.com</a>   |   |  |
| DESSCO                          | N/A.              |               |               | COVID-19 Safety Barriers; Custom Hand<br>Washing Stations, and more.   |   |  |
| Eco Home + Body<br>Care         | Sabrina Fernandez |               |               | Local + will provide deliveries! Natural<br>cleaning products + sanitizer.   | PRE-ORDER quantities available<br>of 50-1000 2oz-8oz spray sanitizer<br>and 2-4oz gel sanitizer. Contains<br>above CDC guidelines 70% |  |
| Eight Oaks Farm<br>Distillery   | Josh + Chad       |               |               | Hand sanitizer. See their website for<br>more: <a href="https://eightoaksdistillery.com/donate-to-the-hand-sanitizer-project">https://eightoaksdistillery.com/donate-to-the-hand-sanitizer-project</a> . |   |  |
| Elite Sportswear                | Tara Kozak        |               |               | Selling face masks and other PPE.  |   |  |
| Empire Surplus                  | Harry O'Neill     |               |               | KN95 Masks + potentially other items<br>such as gloves, sanitizer. Call him for<br>more details!   |   | He's got a few<br>thousand<br>masks in stock<br>currently.       |
| EthoSource                      | John Gallen       |               |               | Sourcing Masks as he is able!  |   |  |

|   |   |  |      |  |  |                                       |
|---|---|--|------|--|--|---------------------------------------|
| Faber Liquors   | Contact Name N/A<br>- email them with<br>subject line: hand<br>sanitizer. |  |      | All info on their hand sanitizer can be<br>found here: <a href="https://www.fabereasydrinking.com/welcome">https://www.fabereasydrinking.com/welcome</a> .                   | Karen Norheim, myself, and<br>Andy Bachert have all<br>purchased bottles of this, so we<br>can vouch for it! |                                       |
| Face Masks in Berks                                       | Angela Pilat  | View Form in FB Group!   |      | Face Masks, Mask Buttons, + Scrub<br>Cap.  | Facebook Group for Info!   |                                       |
| Five Saints Distilling +<br>Crazy Aaron's Putty-<br>World | N/A.  |  |      | Email is preferred way to contact!   |  |                                       |
| Force Packaging   | Tom Newmaster   |  |      | Face Masks.  |  |                                       |
| Framebridge   | N/A.  |  |      | Lightweight faceshields.   |  |                                       |
| Frock   | Susan   |  |      | Non-Surgical cloth masks.  |  |                                       |
| Furniture Soup  | Brenda  |  |      | Hospital Furniture - wardrobes/storage<br>cabinets, bedside tables, patient<br>recliners, IV poles and glove holders.  |  | Any amount to<br>make and<br>deliver. |
| Isolator Fitness  | Dave Vollmer  |  |      | Masks pending supply chain resources.<br>Call to discuss!  | Isolator has prototyped models<br>for completion.  |                                       |
| Kepner Scott Shoe Co.                                     | Robin   |  |      | Wholesale masks - view FB post here:<br><a href="https://www.facebook.com/kepnerscottshoes/">https://www.facebook.com/kepnerscottshoes/</a>                                  |  |                                       |
| L+H Signs   | Matt Robinson   |  |      | Face shield models: We have three<br>versions; a 3D printed model, a heat<br>formed polycarbonate model and a<br>scaled down model that is all made of .<br>010 / .020 PETG. |  |                                       |
| Lasting Image   |   |  |      | Masks, Sanitizer, Gloves, Gowns, Other.  | See PowerPoint in Folder.  |                                       |
| Making Masks in Berks<br>County Sewing Group              | Angela  | Find their online form under<br>"announcements" on their FB page.  | N/A. | Homemade fabric masks at a very low<br>cost-donations to cover material costs.   |  |                                       |
| MISCO Products  | Maria Orlando   |  |      | Cleaning/disinfectant products. Large<br>collection of hand soaps and  | More info available on site: <a href="https://www.miscoproducts">https://www.miscoproducts</a> .             |                                       |
| Monogram/Clean<br>Force                                   | N/A.  | N/A - see website: <a href="https://www.monogramcleanforce.com/">https://www.monogramcleanforce.com/</a> | 1    | Disinfectants, cleaning supplies in bulk.  |  |                                       |
| RDG Distilling  | Chris + Kate Flowers  |  |      | Sourced the materials + are working to<br>ramp up production - strike while the  |  |                                       |



|                                     |                |   |  |   |  |  |
|-------------------------------------|----------------|---|--|---|--|--|
| Revivalist Spirits                  | N/A.           |   |  |   |  |  |
| Singer Equip. Company               | Barb           |   |  | Offering family packages for supplies; cleaning supplies; masks; gloves.          | <a href="https://www.singerequipment.com/care-packages">https://www.singerequipment.com/care-packages</a>                                  |  |
| Sorrelli Jewelers                   | Lily Oswald    |   |  | Face Masks, prioritizing healthcare facilities.                                   |  |  |
| SpeedPro                            | Lauren Ziegler |   |  | Supine and recumbent beds, containment guards, floor graphics, clear face shields | FDA approved material, moisture resistant, sanitizable surface. <a href="https://tinyurl.com/vxvo8hte">https://tinyurl.com/vxvo8hte</a>    |  |
| Stateside Vodka                     | N/A.           |   |  |   |  |  |
| Stinkleberry Soap                   | N/A.           |   |  | Disinfectants + sanitizer. Quantities available.                                  |  |  |
| Stitch Fix Mohnton                  | Angela Duen    |   |  | Four styles of masks, two styles of gowns (clinical and surgery), and scrub caps. |  |  |
| Superior Oxygen Medical Equip.      |                |   |  | Thermometers, gloves, alcohol pads, etc.  |  |  |
| Tattered Flag Brewery + Still Works | N/A.           | VIEW THEIR FORM ONLINE OR THROUGH FACEBOOK: <a href="https://tinyurl.com/vy6h6dk">https://tinyurl.com/vy6h6dk</a> . |  |   |  |  |
| The Restaurant Store                |                |   |  |   |  |  |
| The Standard Group                  | Tim Burns      |   |  | Bulk gloves, masks, etc. Stock varies.  |  |  |
| Train Wreck Distillery              | N/A.           |   |  | 3-Ply, non-woven disposable masks. See picture in shared folder.                  |  |  |
| ZX VANHE INT'L TRADE CO.,Ltd.       | David Yu       |   |  | facebook.com/trainwreckdistillery   |  |  |
|                                     |                |   |  | KN95 Masks + disposable masks.  | David Yu has been supplying to Radius Toothbrush. If you have specific questions on using this vendor from China, please reach out to him. |  |



**April 24, 2020**

**Berks PPE Resource Network has produced and donated 18,500 PPE materials in three weeks of production!**

The Greater Reading Chamber Alliance (GRCA) is pleased to be a founding partner of the **Berks PPE Resource Network**. This initiative began as a string of emails between GRCA, Albright Science Research Institute, CrossTrainer Mixed Reality, Hamburg Area School District, Ben Franklin Technology Partners of Northeastern PA, Berks County Medical Society, Alvernia University, Mantis 3D Printing, Berks Alliance, Penn State Berks LaunchBox, and GoggleWorks Center for the Arts. Since the initial email brainstorm took place between these organizations thirty days ago, 93 volunteers have been engaged, 182 organizations have been served, and 18,500 pieces of PPE have been distributed. All materials have been provided at no cost to the end-users which includes a large list of healthcare systems, assisted living facilities, private practice physicians, emergency services and first responders, businesses, and non-profits. (A complete listing can be found as an additional attachment.)

The ad-hoc committee of founders listed above used their strong networks and existing relationships to engage partners at many different levels including: the maker-community/3D printing community; engineers and individuals to support prototyping + design; the business/manufacturing community; relationships with school districts and our institutes of higher ed; and local government and community stakeholders. Within days of outreach, the group created a vast network of makers, shakers, and movers, each taking a piece of the larger scope of work.

A critical component of this work was (and continues to be) constant communication. The group built out a private maker-group on Facebook, a Slack chat, and holds frequent Zoom Meetings to ensure that they are connecting the designers and makers with the end-users to allow for feedback and adaptations. Additionally, there is constant communication surrounding PPE requests from organizations, outreach to the community, and new partnership opportunities that seem to expand with each day that passes.

During week one of production, our makers produced face shields using a Mantis 3D Printing template. To be sure the materials were in compliance with FDA guidelines, Albright Science Research Institute submitted a request for authorization of the materials, quickly receiving approval. Since week one, the makers have also expanded their offerings to mask straps, which allow for comfort and decreases irritation behind the ears. The group also created a template for a DIY mask frame, which ultimately led to a partnership with "Making Masks in Berks County," – the largest volunteer mask-making network in Berks County.

As the group has expanded, sourcing materials and covering costs to provide these materials free of charge has certainly been a big factor. Early adopters and financial supporters of this initiative include Berks Alliance, The Friends of the Reading Hospital, and Berks County Community Foundation (BCCF). Their donations at the very start allowed for the group to mobilize quickly. BCCF also provided Berks PPE Resource Network with a fund for people to donate to.

That being said, the intent for this group was never to take "business" from our local industry footprint. The mission from the start was to fulfill a temporary gap in PPE, while allowing our manufacturers and knitting mills time to retool and re-train their workforce on creating new materials. In just three weeks, we have seen multiple, local employers re-tool and shift supply chains to provide masks, face shields, gowns, dividers, sanitizer, and more. The goal now is to send paying customers and businesses to these "preferred vendors," while The Network remains to exist to support local non-profits and community-healthcare facilities that cannot otherwise pay at-cost. We have been upfront and communicative with our manufacturing community along the way, and have even provided free PPE to essential manufacturers as they sought out their own materials for their employees' safety.

Many employers donated equipment, financial resources, and materials to the Network. For example, one company donated over \$15,000.00 worth of 3D printing technology. Another local company was able to partially re-open an out-of-state plant to produce filament for the printers, while another employer is celebrating one of their engineers who has dedicated countless hours on re-working prototypes for the group. These are just a few examples of our business community rallying around the Network, and our homegrown, All-American Ingenuity being showcased at its best. (After all, manufacturing is Berks County's largest sector, making up roughly 23% of our GDP!)

As the Network continues to evolve day to day (sometimes hour by hour), the group wishes to share their story with other communities in how to get this work done quickly by mobilizing your community. To do so, they have created two videos with core committee members to better help you understand how to implement this in your communities. These videos are hosted on a website, also created by a Berks PPE Resource Network volunteer, which captures invaluable information, photos, media clips, and tools for you to take back to your key partners.

#### **CALL TO ACTION:**

- 1.) Please share this with your communities if they are currently seeking ways to source PPE for your health systems, first responders, and community.
- 2.) Ask us how to get engaged with Berks PPE Resource Network! The Network is actively seeking financial support to continue in their efforts, with no definitive timeline as to when the demand will lessen. Costs include raw materials, equipment, and distribution supplies.
- 3.) Help us spread the word! We have active social media accounts – please follow along and share as you are able to!

#### **RESOURCES:**

##### **Website**

- <http://berkspperesourcenet.org/>

##### **Videos**

- <http://berkspperesourcenet.org/mobilize-your-community/>

##### **Social Media**


- **Facebook:** Look up our Private FB Group + Follow Along with our Progress: **Berks PPE Resource Network**
- **Instagram:** **berksppe**

##### **For More Information**

- Please reach out to Ellen Albright, Director – Talent + Workforce Development, GRCA:

[REDACTED]

We look forward to continued conversations about what is working in our community, while also learning best practice from your communities, associations, regions, and stakeholders.



Jim Gerlach  
President + CEO, Greater Reading Chamber Alliance